



IN STAND

IN STAND e.V.
Society for Promoting
Quality Assurance
in Medical Laboratories



EQAS PROGRAM

2023

INSTAND e.V.
Gesellschaft zur Förderung
der Qualitätssicherung
in medizinischen Laboratorien e. V.

Ublerstr. 20
40223 Düsseldorf, Germany

Postfach 25 02 11
40093 Düsseldorf, Germany

T +49 [0] 211 1592 13-0

F +49 [0] 211 1592 13-30

E instand@instand-ev.de

I www.instand-ev.de

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**Prof. Dr. med.
Michael Spannagl**
President of the Board



**Prof. Dr. rer. nat.
Ingo Schellenberg**
Vice President
of the Board



**Prof. Dr. med.
Klaus-Peter Hunfeld**
Vice President
of the Board

WELCOME TO INSTAND

Dear Colleagues,

INSTAND, the Society for promoting Quality Assurance in Medical Laboratories e.V., has been conducting External Quality Assessment Schemes in all areas of in-vitro diagnostics since 1970.

As an External Quality Assessment organization, we are accredited according to DIN EN ISO/IEC 17043. We offer more than 350 interlaboratory tests for external quality control in laboratory diagnostics, in accordance with the current version of the guidelines of the German Medical Association (Rili-BÄK).

For this purpose, we ship roughly 175,000 sample sets annually to the approximate 12,000 laboratories participating in our External Quality Assessment Schemes in over 80 countries.

We have further optimized our INSTAND EQAS program.
What is new in this program for 2023?

- We have expanded our EQAS program also this year. In 2022, we conducted the following pilot EQA scheme: EQAS 418 Virus Genome Detection - Monkeypox Virus. This EQA scheme is not yet included in the 2023 catalog. Depending on the epidemiological development, this EQA scheme will be regularly included in the program in 2023.
- Starting in 2023, the mailing of the duplicate sample set for all virology EQA schemes will be eliminated. Many participants considered a single sample set sufficient to perform external quality control.
- For logistical reasons, all EQA schemes will be sent out on Tuesdays from January 2023 onwards, with a few exceptions. The submission deadlines remain unchanged.
- You can find the current EQA program in our RV-Online system (<https://rv-online.instandev.de>) and on our website, www.instand-ev.de.

We look forward to continuing our productive collaboration with you!



Your INSTAND Team

SAVE
THE
DATE



Gemeinsames Jahressymposium
23. – 25. März 2023
Kap Europa. Messe Frankfurt.



IGLD | Interdisziplinäre Gruppe
für Labor
und Durchflusssytmetrie



IN STAND



Weitere Informationen und Anmeldeformular ab Herbst 2022 auf www.igld.de

INSTAND e.V.'s mission and vision

We promote quality in medical laboratories by offering a wide range of external quality control and continuous education.

Our vision is to improve the reliability of measurement results in medical laboratories worldwide.

In the Federal Republic of Germany, INSTAND e.V. is appointed by the German Medical Association as a reference institution for external quality assurance.

Accreditation

INSTAND e.V.'s versatile EQA program is accredited in all represented disciplines of laboratory diagnostics by the German Accreditation Body (DAkkS) according to DIN EN ISO/IEC 17043:2010.

Terms and conditions, FAQ

Our "General Terms and Conditions for Participation in INSTAND e.V. EQA Schemes" shall apply to all participants of the INSTAND e.V. EQA schemes.

These terms and conditions can be found at:
<https://instand-ev.de/instand-agb>

We would also be happy to send them to you upon request.

We have compiled answers to frequently asked questions in our FAQ:

<https://instand-ev.de/faq>

Scope of services

An EQA scheme includes the sample material, which is used to determine the measurement values by the participant, as well as a evaluation by INSTAND e.V. of the submitted EQAS results.

After evaluating the EQAS, participants who have submitted their results on time will receive an individual report, a general overview where applicable, a certificate of participation, and a certificate if they have passed.

In the event the EQAS is not passed, residual samples may be available after completion of the respective EQAS for a fee so you can check your test systems.

Information about the RV-Online Portal

A user account for our RV-Online system is required to participate in INSTAND e.V. EQA schemes:

<https://rv-online.instandev.de>

After signing into RV-Online, you will be able to manage your master data and orders, as well as enter your EQAS results, view reports and retrieve your certificates. On our new YouTube channel you will soon find in-depth videos that explain the various features of RV-Online in English and German.

EQA schemes required/not required by Rili-BÄK

The EQA schemes in orange in the table of contents contain analytes that require participation in accordance with the guideline of the German Medical Association on Quality Assurance in Medical Laboratory Examinations <https://bundesaeztekammer.de/>.

This orange labeling of the analytes required by Rili-BÄK is also found in the descriptions of the EQA schemes.

Validity of certificates

Certificates are dated with the closing date of the EQA scheme.

Certificates for parameters which must undergo an EQAS are valid for twice as long as the mandatory EQAS interval. Certificates for parameters which are not subject to an EQAS in accordance with Rili-BÄK are usually valid for 12 months.

Registration / cancellation deadlines

Orders can be changed or cancelled up until the respective registration/cancellation deadline. After the registration/cancellation deadline, it is no longer possible to change the order.

Shipment date

On the day of shipment, the packages will be picked up by the shipping service provider of our choice.

Before every delivery, our shipping service provider will send a tracking number by e-mail. This e-mail is always sent to the main user registered with RV-Online.

If you do not receive the samples by the day after the shipment date, please contact our customer service immediately.

Submission deadlines

EQAS results must be entered by midnight CET on the closing date. After the closing date, it is no longer possible to correct or change the values.

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Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

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AP	Acid phosphatase	Albumin
Albumin (electrophoresis)	Aldolase	Bilirubin
Bilirubin conj.	CHE	CK
Calcium	Chloride	Cholesterol
Copper	Creatinine	GGT
GLDH	GOT (ASAT)	GPT (ALAT)
Glucose	HBDH	IgA
IgG	IgM	Iron
Iron binding capacity	LDH	Lactate
Lipase	Lithium	Magnesium
Osmolality	Pancreas amylase	Phosphate
Potassium	Prostatic acid Phosphatase	Protein
Sodium	Transferrine	Triglycerides
Urea	Uric Acid	alpha-Amylase
gamma-Globulins		

participation according to Rili-BÄK:
quarterly

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6

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Depending on the EQA scheme, further specific information may be available: i.e. infectious materials, suitable measuring devices, etc.

EQA schemes containing infectious material according to UN3373, biological substances category B, will be marked with the following symbol: !

1. Name of the EQA scheme
2. EQAS expert/deputy
3. EQAS group number
4. Information on the shipped sample material as well as how long the certificate is valid for.
Orange: for parameters required by Rili-BÄK, black: for parameters not required by Rili-BÄK.
5. Parameters analyzed in the EQAS; parameters in orange required by Rili-BÄK.
6. List of the relevant dates, subdivided into EQAS dates (1 - 6). The month of the EQAS is always in reference to the closing date. The number of available EQAS dates may vary.
7. Information about the frequency stipulated by Rili-BÄK.

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List of Rili BÄK parameters offered by INSTAND subject to specific parts of B 1, B 2, B 3 and B 5

B 1a	Analytes in Plasma / Serum / Whole blood	Frequency	Group no.
	Activated partial thromboplastin time (aPTT)	Quarterly	221, 285, 286
	Alanine aminotransferase (ALT or GPT) EC 2.6.1.2	Quarterly	100, 120, 810
	Albumin	Quarterly	100, 141, 810
	Alkaline phosphatase (AP) EC 3.1.3.1	Quarterly	100, 120, 810
	Alpha fetoprotein (AFP)	Quarterly	292, 306
	Aspartate aminotransferase (AST or GOT) EC 2.6.1.1	Quarterly	100, 120, 810
	Bilirubin (total)	Quarterly	100, 110, 120, 810
	CA 15-3	Quarterly	292
	Calcium (total)	Quarterly	100, 810
	Calcium (ionised)	Quarterly	161, 163
	Carbamazepine	Quarterly	195
	Carcino embryonic antigen (CEA)	Quarterly	292
	Chloride	Quarterly	100, 161, 163, 810
	Cholesterol (total)	Quarterly	100, 120, 151, 810
	Cortisol	Quarterly	302
	Creatine kinase (CK) EC 2.7.3.2	Quarterly	100, 120, 810
	C-reactive protein (CRP)	Quarterly	241, 322
	Digitoxin	Quarterly	197
	Erythrocytes	Quarterly	211, 612
	Estradiol, 17-beta	Quarterly	302
	Ethanol clinical toxicology	Quarterly	700
	Ferritin	Quarterly	241
	FSH	Quarterly	297
	Gamma glutamyl transferase (?-GT) EC 2.3.2.2	Quarterly	100, 120, 810
	Glucose	Quarterly	100, 111, 120, 161, 800, 810
	Haematocrit	Quarterly	209, 211, 612
	Haemoglobin	Quarterly	162, 163, 209, 211, 612
	Haemoglobin A 1c (HbA1c)	Quarterly	145
	Uric acid	Quarterly	100, 120, 810
	Urea	Quarterly	100, 120, 161, 163, 810
	Human chorionic gonadotropin (hCG)	Quarterly	292, 306
	Immunoglobulin IgA	Quarterly	100, 241
	Immunoglobulin IgG	Quarterly	100, 241
	Immunoglobulin IgM	Quarterly	100, 241
	Potassium	Quarterly	100, 120, 161, 163, 810
	Creatinine	Quarterly	100, 120, 161, 810
	Lactate	Quarterly	100, 161, 163, 810
	Lactate dehydrogenase (LDH) EC 1.1.1.27	Quarterly	100, 810
	Leucocytes	Quarterly	209, 211, 612
	Lithium	Quarterly	100, 161, 195
	Magnesium	Quarterly	100, 161, 810
	Sodium	Quarterly	100, 161, 163, 810
	pCO ₂	Quarterly	161, 163
	pH	Quarterly	161, 163
	Phenobarbital	Quarterly	195
	Phenytoin	Quarterly	195
	Phosphate (inorganic)	Quarterly	100, 810
	pO ₂	Quarterly	161, 163
	Progesterone	Quarterly	302
	Prostate-specific antigen (PSA)	Quarterly	292, 293
	Protein (total)	Quarterly	100, 141, 810

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List of Rili BÄK parameters offered by INSTAND subject to specific parts of B 1, B 2, B 3 and B 5

B 1a		Analytes in Plasma / Serum / Whole blood		Frequency	Group no.
		>>			
		Testosterone		Quarterly	293, 302
		Theophylline		Quarterly	195
		Thromboplastin time (Quick)		Quarterly	221, 285, 286
		Thrombocytes		Quarterly	209, 211, 612
		Thyrotropic hormone (TSH)		Quarterly	294, 302
		Thyroxine, free (fT4)		Quarterly	294, 302
		Transferrin		Quarterly	100, 241
		Triglycerides		Quarterly	100, 120, 151, 810
		Triiodothyronine, free (fT3)		Quarterly	294, 302
		Troponin I		Quarterly	760
		Valproic acid		Quarterly	195
		Vancomycin		Quarterly	197

B 1b		Analytes in Urine	Frequency	Group no.
		Albumin	Quarterly	173
		Calcium	Quarterly	173
		Glucose	Quarterly	173
		Uric acid	Quarterly	173
		Urea	Quarterly	173
		Potassium	Quarterly	173
		Creatinine	Quarterly	173
		Sodium	Quarterly	173
		Phosphate	Quarterly	173
		Protein (total)	Quarterly	173

B 1c		Analytes in Cerebrospinali Fluid	Frequency	Group no.
		Albumin	Quarterly	460
		Glucose	Quarterly	464
		Immunoglobulin IgA	Quarterly	460
		Immunoglobulin IgG	Quarterly	460
		Immunoglobulin IgM	Quarterly	460
		Lactate	Quarterly	464
		Protein (total)	Quarterly	460

B 1d		Analytes in dry blood	Frequency	Group no.
		17-Hydroxyprogesterone	Quarterly	785
		IRT	Quarterly	785
		PAP	Quarterly	785
		TSH	Quarterly	785

B 2		Qualitative laboratory testing	Frequency	Group no.
		AB0 characteristics	Quarterly	231, 232, 237, 238
		Borrelia burgdorferi, antibodies against (in serum)	Biannually	332
		Borrelia burgdorferi, antibodies against (in CSF)	Biannually	465
		Candida albicans, antibodies against	Biannually	480
		Cannabinoids	Quarterly	177
		CD4-T cells	Biannually	213
		CD8-T cells	Biannually	213
		Chromatographic analysis with identification of the active substance (STA)	Biannually	188
		>>		

List of Rili BÄK parameters offered by INSTAND subject to specific parts of B 1, B 2, B 3 and B 5

B 2

Qualitative laboratory testing

Frequency

Group no.

>>

Cocaine and metabolites	Quarterly	174
Differential, blood smear	Quarterly	212
Direct Coombs test	Quarterly	231, 232, 237, 238
dsDNA, autoantibodies against	Biannually	251
Echinococcus, antibodies against	Annually	455
Entamoeba histolytica, antibodies against	Annually	455
Erythrocyte antigens, antibodies against (Coombs test)	Quarterly	231, 232, 237, 238
Glutaminase, antibodies against	Biannually	271
HBc antigen, antibodies against	Biannually	344
HBe antigen, antibodies against	Biannually	345
HBs antigen, antibodies against	Biannually	344
Hepatitis-A virus, antibodies against	Biannually	343
Hepatitis-C virus, antibodies against	Biannually	346
HIV, antibodies against	Biannually	335
IgE antibodies, allergen-specific single allergen test; method-specific control on a rotational basis with 6 chief allergens from the following groups: a) seasonal inhaled allergen, b) year-round inhaled allergen, c) food allergen, d) insect poison allergen	Biannually	720
Immunoglobulin, oligoclonal (oligoclonal bands)	Biannually	462
Nuclei (ANA) autoantibodies against	Biannually	251
	Biannually	357
Methadone and metabolites	Quarterly	176
	Biannually	356
Opiates	Quarterly	174
Plasmodium, antibodies against	Annually	454
Rhesus type	Quarterly	231, 232, 237, 238
Rheumatoid factor (RF)	Quarterly	273, 323
Rubella virus, antibodies against	Biannually	341
Schistosoma, antibodies against	Annually	454
Streptococci desoxyribonuclease, antibodies against	Biannually	321
Streptolysin O, antibodies against	Biannually	321
Toxoplasmosis gondii, antibodies	Biannually	452
Treponema pallidum, antibodies against	Biannually	311
Tricyclic antidepressants	Quarterly	203, 204
Urine sediment	Annually	172
	Biannually	353
Cytoplasmatic components of neutrophil granulocytes (cANCA/pANCA), autoantibodies against	Biannually	257

B 3

Direct detection and characterisation
of infectious agents

Frequency

Group no.

Bacteria

Gram stain	Biannually	413
Cultivation, identification and sensitivity testing of bacteria	Biannually	411, 412
Cultivation, identification and sensitivity testing of fast-growing bacteria and detection of accompanying bacterial flora of the urogenital system	Biannually	411, 412
Bordetella pertussis, genome detection	Biannually	532
Borrelia burgdorferi sensu lato, genome detection	Biannually	535
Chlamydia pneumoniae, genome detection	Biannually	540
Chlamydia trachomatis, antigen detection	Biannually	313, 316
Chlamydia trachomatis, genome detection	Biannually	530, 531
Clostridium difficile (Toxin Gene), genome detection	Biannually	545
EHEC/STEC (Shiga toxin), genome detection	Biannually	534
Helicobacter pylori, genome detection	Biannually	533
Legionella pneumophila, genome detection	Biannually	536
Listeria monocytogenes, genome detection	Biannually	538
Methicillin resistance Staphylococcus aureus (MRSA), genome detection	Biannually	539
Mycoplasma pneumoniae, genome detection	Biannually	541
Neisseria gonorrhoeae, genome detection	Biannually	530
Salmonella enterica, genome detection	Biannually	537
Coxiella burnetii, genome detection	Biannually	542
Francisella tularensis, genome detection	Biannually	543

Mycobacteria

Microscopic detection of mycobacteria	Biannually	421
Cultivation of mycobacteria	Biannually	422
Differentiation of tuberculosis bacteria	Biannually	422
Sensitivity test of tuberculosis bacteria	Biannually	425, 426
Identification of mycobacteria	Biannually	423
Tuberculosis bacteria, genome detection	Biannually	424

Parasites

Parasites		
Parasites in the blood, microscopic detection	Biannually	456
Parasites in the stool, microscopic detection	Biannually	451
Toxoplasma gondii, genome detection	Biannually	457

Yeasts

Cultivation and identification of yeasts and hyphomycetes	Biannually	490
Identification of dermatophytes, yeasts and moulds (pathogens of dermatomycoses and mucosal yeast infections)	Biannually	491
Candida, antigen detection	Biannually	480
Cryptococcus neoformans, antigen detection	Biannually	481

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Viruses

Adeno viruses, genome detection	Biannually	371
Cytomegalovirus, genome detection	Biannually	365
Enteroviruses, genome detection	Biannually	372
Epstein Barr virus, genome detection	Biannually	376
Hepatitis A virus, genome detection	Biannually	377
Hepatitis B virus, genome detection	Biannually	361
Hepatitis B virus, HBs antigen detection	Biannually	344
Hepatitis B virus, HBe antigen detection	Biannually	345
Hepatitis C virus, genome detection	Biannually	362
Hepatitis C virus genotyping, genome detection	Biannually	375
Hepatitis C virus, HCV antigen detection	Biannually	346
Hepatitis E Virus, genome detection	Biannually	380
Herpes simplex virus type 1/type 2, genome detection	Biannually	363
HIV 1 (RNA), genome detection	Biannually	360
HIV 1, p24 antigen detection	Biannually	337
Human papilloma viruses, genome detection	Biannually	373
Influenza-A- and -B viruses, genome detection	Biannually	370
Influenza-A- and -B viruses, antigen detection	Biannually	370
Measles Virus, genome detection	Biannually	386
Mumps Virus, genome detection	Biannually	387
Norovirus, genome detection	Biannually	381
Parvovirus B19, genome detection	Biannually	367
Respiratory syncytial virus, genome detection	Biannually	359
Respiratory syncytial virus, antigen detection	Biannually	359
Rubella Virus, genome detection	Biannually	389
Varicella zoster virus, genome detection	Biannually	366
West Nile Virus, genome detection	Biannually	391

B 5

Molecular genetic testing

Analysis	Gene, Trivial Name	Gene, HGNC-Name	Frequency	Group no.
Alpha1-Antitrypsin	AAT, PI1	SERPINA1	Biannually	743
Apolipoprotein E	APOE	APOE	Biannually	734, 744
Factor V (Leiden)	FV Leiden	F5	Biannually	730, 740
Hereditary haemochromatosis	HLA-H	HFE	Biannually	733, 741
HLA-B27	HLA-B	HLA-B	Biannually	440
Methylenetetrahydrofolate reductase	MTHFR	MTHFR	Biannually	732, 747
Plasminogen activator inhibitor I	PAI1	SERPINE1	Biannually	735, 748
Prothrombin	FII	F2	Biannually	731, 746
Uridyl glucuronyl transferase-1A	UGT1	UGT1A1	Biannually	742
Wilson's disease	ATPase	ATP7B	Annually	745

Allergy Diagnostic

Schellenberg / Zouboulis

720

Samples: 1 set of samples: 5 x samples of 1.0 or 0.5 ml
Sample properties: Lyophilised serum
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

4 samples for determination specific IgE against inhaled allergens, food allergens and insect poison allergens

1 sample for determination of total IgE

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Engraftment- and Chimerism Diagnostics

Reibke / Dick / Spannagl

618

Samples: 5 samples

Sample properties: Whole blood samples, donor, patient pre-and post-transplant per appointment

Shipping information: Shipping at ambient temperature

Certificate validity: 24 months

Chimerism diagnostics after stem cell transplantation

Evaluation and diagnosis Receiver

Annual fee: 252 € – Only annual subscription possible!

EQA results can only be submitted online!

Successful participation in both EQAS rounds is necessary for the award of a certificate (10 samples per year).

Due to longer shipment times, labs using FISH-Analyses, cannot participate in this EQA.

	May (3)	Nov. (6)
Registration deadline:	24.02.23	25.08.23
Sample shipment:	25.04.23	24.10.23
Closing date:	12.05.23	10.11.23

Molecular Genetics 01 – Apolipoprotein E (E2, E3, E4)

Flörke / Kappert

734

Samples: 2 samples of 0.5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Apo E (genotypes 2, 3, 4)

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Molecular Genetics 02 – Factor V-Leiden-Mutation

Flörke / Kappert

730

Samples: 2 samples of 0.5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Factor V-Leiden

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Molecular Genetics 03 – HFE H63D, C282Y (optional: S65C)

Flörke / Kappert

733

Samples: 2 samples of 0.5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

HFE: C 282 Y HFE: H 63 D HFE: S 65 C

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Samples: 2 samples of 0,5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

MTHFR (A 1298 C)

MTHFR (C 677 T)

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Samples: 2 samples of 0.5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Plasminogenactivator-Inhibitor (PAI-1): 4G, 5G

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Samples: 2 samples of 0.5 ml
 Sample properties: Human whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Prothrombin G20210A

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	21.07.23
Sample shipment:	14.03.23	05.09.23
Closing date:	14.04.23	06.10.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Hereditary fructose intolerance:

Aldolase B: A 149 P

Aldolase B: A 174 D

Aldolase B: N 334 K

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Enzyme inhibitors:

Alpha-1 antitrypsin S-Locus

Alpha-1 antitrypsin Z-Locus

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 Samples of 50 µl
 Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Antithrombin (AT3; SERPINC1) (3 exons as specified)

	Feb. (1)	Nov. (6)
Registration deadline:	18.11.22	11.08.23
Sample shipment:	10.01.23	10.10.23
Closing date:	10.02.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Lipoproteins:

Apo E (genotypes 2, 3, 4)

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

M. Wilson:

ATP 7 B: H 1069 Q

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Coagulation:

Factor V-Leiden

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Coagulation:

Fibrinogen Receptor HPA: 1a, 1b

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Haemochromatosis:

HFE: C 282 Y

HFE: H 63 D

HFE: S 65 C

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Coagulation:

Collagen receptor GP Ia/IIa (C 807 T)

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Coagulation:

MTHFR (A 1298 C)

MTHFR (C 677 T)

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Coagulation:

Plasminogenactivator-Inhibitor (PAI-1): 4G, 5G

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 Samples of 50 µl
 Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Protein C(3 exons as specified)

	Feb. (1)	Nov. (6)
Registration deadline:	18.11.22	11.08.23
Sample shipment:	10.01.23	10.10.23
Closing date:	10.02.23	10.11.23

Samples: 3 Samples of 50 µl
 Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Protein S (3 exons as specified)

	Feb. (1)	Nov. (6)
Registration deadline:	18.11.22	11.08.23
Sample shipment:	10.01.23	10.10.23
Closing date:	10.02.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Coagulation:

Prothrombin G20210A

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Samples: 3 Samples of 50 µl
 Sample properties: Genomic DNA suspended in 10 mM Tris-HCl pH 8.5
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Ret Proto-oncogene, exon 10-16

	Feb. (1)	Nov. (6)
Registration deadline:	18.11.22	11.08.23
Sample shipment:	10.01.23	10.10.23
Closing date:	10.02.23	10.11.23

Samples: 3 samples of 20 µl
 Sample properties: DNA (in 20 µl water) isolated from human leukocytes
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Hyperbilirubinaemia:

UDP-glucuronyl transferase (TA)6, (TA)7

	Feb. (1)	June (3)	Nov. (6)
Registration deadline:	18.11.22	03.03.23	11.08.23
Sample shipment:	10.01.23	02.05.23	10.10.23
Closing date:	10.02.23	02.06.23	10.11.23

Molecular Genetics 24 – Alpha-Globin and beta-Globin

Frömmel / Méndez

794

Samples: 2 samples
 Sample properties: DNA in Tris-EDTA
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Mutations in alpha-globin gene (max. 4)
 Genotype alpha-globin gene (nomenclature haemoglobinopathies)
 Evaluation alpha-globin gene

Mutations in beta globin gene (max. 4)
 Genotype beta-globin gene (nomenclature haemoglobinopathies)
 Evaluation beta-globin gene

Report with findings from alpha- and beta- globin gene together

	June (3)	Nov. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	02.06.23	10.11.23

Molecular Oncology 01 – AML-Panel (NGS)

Kreuzer / Kleinert

798

Samples: 1 sample
 Sample properties: DNA
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

ASXL1 (NM_015338.6) Exon 13 Mutation(s)	ASXL1 Nomenclature
CEBPA (NM_004364.5) Mutation(s)	CEBPA Nomenclature
FLT3 (NM_004119.3) Mutation(s)	FLT3 Nomenclature
IDH1 (NM_005896.4) Exon 4 Mutation(s)	IDH1 Nomenclature
IDH2 (NM_002168.4) Exon 4 Mutation(s)	IDH2 Nomenclature
NPM1 (NM_002520.7) Exon 11 Mutation(s)	NPM1 Nomenclature
RUNX1 (NM_001754.5) Mutation(s)	RUNX1 Nomenclature
TP53 (NM_000546.6) Exon 2-11 Mutation(s)	TP53 Nomenclature

	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Samples: 2 samples
 Sample properties: DNA
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

BRAF p.V600

BRAF Nomenclature

Mar. (2)**Nov. (6)**

Registration deadline: 06.01.23

11.08.23

Sample shipment: 28.02.23

10.10.23

Closing date: 31.03.23

10.11.23

Molecular Oncology 03 – BTK

Samples: 2 samples
 Sample properties: DNA
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

BTK p.C481

BTK Nomenclature

Mar. (2)**Nov. (6)**

Registration deadline: 06.01.23

11.08.23

Sample shipment: 28.02.23

10.10.23

Closing date: 31.03.23

10.11.23

Molecular Oncology 04 – KIT

Samples: 2 samples
 Sample properties: DNA
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

KIT p.D816

KIT Nomenclature

Mar. (2)**Nov. (6)**

Registration deadline: 06.01.23

11.08.23

Sample shipment: 28.02.23

10.10.23

Closing date: 31.03.23

10.11.23

Samples: 2 samples
 Sample properties: DNA
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

MYD88 p.L265P

	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Samples: 2 samples
 Sample properties: DNA
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

CALR Exon 9 Mutation(s) CALR Nomenclature JAK2 p.V617F
 MPL p.W515 MPL Nomenclature

	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Samples: 2 samples
 Sample properties: DNA
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

SF3B1 Exon 14-15 Mutation(s) SF3B1 Nomenclature

	Mar. (2)	Nov. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	31.03.23	10.11.23

Samples: 2 samples
 Sample properties: DNA
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

STAT3 Exon 21 Mutation(s)

STAT3 Nomenclature

Mar. (2)**Nov. (6)**

Registration deadline:

06.01.23

11.08.23

Sample shipment:

28.02.23

10.10.23

Closing date:

31.03.23

10.11.23

Molecular Genetics 50 – TP53

Samples: 2 samples
 Sample properties: DNA
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

TP53 Mutation(s)

TP53 Nomenclature

Mar. (2)**Nov. (6)**

Registration deadline:

06.01.23

11.08.23

Sample shipment:

28.02.23

10.10.23

Closing date:

31.03.23

10.11.23

HLA Diagnostics 01 – HLA-B27 Determination

Lachmann / Zaralioglu

440

Samples: 5 blood samples
 Sample properties: ACD whole blood samples, 2-3ml each
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Determination of HLA-B27 by molecular and/or serological means

	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)
Registration deadline:	18.11.22	27.01.23	19.05.23	08.09.23
Sample shipment:	16.01.23	27.03.23	17.07.23	06.11.23
Closing date:	10.02.23	21.04.23	11.08.23	01.12.23

HLA Diagnostics 02 – HLA Typing Class I and II of Serological Equivalents

Lachmann / Zaralioglu

441

Samples: 5 samples
 Sample properties: Platelet-depleted ACD whole blood samples, approx. 8ml each
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

HLA Typing of serological equivalents of class I (HLA A, B) and/or HLA class II (HLA-DR, DQ) by serological and/or molecular means

	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)
Registration deadline:	18.11.22	27.01.23	19.05.23	08.09.23
Sample shipment:	16.01.23	27.03.23	17.07.23	06.11.23
Closing date:	10.02.23	21.04.23	11.08.23	01.12.23

HLA Diagnostics 03 – Low resolution, molecular HLA typing class I and II

Lachmann / Zaralioglu

442

Samples: 5 samples
 Sample properties: ACD whole blood samples, approx. 5-7ml each
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Molecular HLA typing class I and II in low resolution (1-field).
 The following loci may be reported: HLA-A,-B,-C,-DRB1,-DRB3/4/5,-DQA1,-DQB1,-DPA1 and -DPB1.

	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)
Registration deadline:	18.11.22	27.01.23	19.05.23	08.09.23
Sample shipment:	16.01.23	27.03.23	17.07.23	06.11.23
Closing date:	10.02.23	21.04.23	11.08.23	01.12.23

Samples: 1 serum set (20 Sera) and 2 cell suspensions!
 Sample properties: Human serum 100µl each and ACD whole blood 8ml each
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

HLA crossmatching

Important note: Beginning in 2022 EPT scheme no. 443 will no longer depend on EPT scheme no. 441. By ordering EPT scheme no. 443 you will receive automatically two cells independent from scheme no. 441 to perform the crossmatch. You will also receive the sera for crossmatching with the same shipment. There will be no shipment of sera for scheme no. 443 in January.

Apr. (3)

Registration deadline:	20.01.23
Sample shipment:	20.03.23
Closing date:	21.04.23

HLA Diagnostics 05 – High resolution, molecular HLA typing class I and II

Samples: 5 samples
 Sample properties: Leukocyte suspension (buffy coat), 1-1,5ml each
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Molecular HLA typing class I and II in high resolution according to standards of the European Federation for Immunogenetics (EFI). The following loci may be reported: HLA-A,-B,-C,-DRB1,-DRB3/4/5,-DQA1,-DQB1,-DPA1 and -DPB1. In addition, HLA-B*57:01 associated with Abacavir hypersensitivity and HLA-DR epitopes associated with rheumatoid arthritis may be reported.

	Feb. (1)	Apr. (3)	Aug. (4)	Dec. (6)
Registration deadline:	18.11.22	27.01.23	19.05.23	08.09.23
Sample shipment:	16.01.23	27.03.23	17.07.23	06.11.23
Closing date:	10.02.23	21.04.23	11.08.23	01.12.23

Samples: 5 samples
 Sample properties: Human serum, 1ml each
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

HLA antibody determination: HLA antibody screening by complement-dependent cytotoxicity test (CDC) and/or with solid phase immunoassays, antibody identification by CDC and/or antibody identification by solid phase immunoassays (ELISA, Luminex), solid phase complement binding assays (C1q, C3d, C4d etc.)

	Feb. (1)	Aug. (4)
Registration deadline:	18.11.22	19.05.23
Sample shipment:	16.01.23	17.07.23
Closing date:	24.02.23	25.08.23

HLA Diagnostics 07 – HLA-DQ

Samples: 2 samples of 1-1.5 ml
 Sample properties: EDTA whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

HLA DQA1*05	HLA DQB1*02	HLA DQB1*03:02	
		Apr. (3)	Dec. (6)
Registration deadline:		27.01.23	08.09.23
Sample shipment:		27.03.23	06.11.23
Closing date:		21.04.23	01.12.23

Haematology 01 – Blood Cell Count

Dorn-Beineke / Nebe

211

Samples: 2 samples of 2 ml
 Sample properties: Stabilized control blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Analysis of Haemoglobin with HemoCue systems is possible!

Erythrocytes	Haematocrit centrif.	Haematocrit el.count
Haemoglobin	Leucocytes	MCV
Thrombocytes		

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Haematology 03 – Blood Cell Count – QBC System

Dorn-Beineke / Nebe

209

Samples: 2 samples
 Sample properties: Control blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Haematocrit centrif.	Haemoglobin	Leucocytes	Thrombocytes
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	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	10.03.23	14.07.23	18.08.23
Sample shipment:	17.01.23	09.05.23	12.09.23	17.10.23
Closing date:	27.01.23	19.05.23	22.09.23	27.10.23

Haematology 04 – Reticulocyte Analysis 02 (Machine-Based Analysis)

Gutensohn / Nebe

216

Samples: 2 samples
 Sample properties: Whole blood
 Shipping information: Cooled shipping
 Certificate validity: 12 months

Concentration of Hb in reticulocytes	Immature reticulocytes
Reticulated Platelets	Reticulocyte production Index (RPI)
Reticulocytes	Reticulocytes concentration

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	10.03.23	14.07.23	18.08.23
Sample shipment:	17.01.23	09.05.23	12.09.23	17.10.23
Closing date:	27.01.23	19.05.23	22.09.23	27.10.23

Samples: 2 blood smears for microscopic analysis
 Sample properties: Slides
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Reticulocytes

	Jan. (1)	July (4)
Registration deadline:	18.11.22	05.05.23
Sample shipment:	17.01.23	04.07.23
Closing date:	27.01.23	14.07.23

Haematology 06 – Differential Blood Count (Machine-Based Analysis)

Samples: 2 samples
 Sample properties: Fresh whole blood from blood bank, overnight shipping
 Shipping information: Cooled shipping
 Certificate validity: 6 months / 12 months

Basophilic Granulocytes Haematocrit centrif. Leucocytes Monocytes	Eosinophilic Granulocytes Haematocrit el.count Lymphocytes Neutrophilic Granulocytes	Erythrocytes Haemoglobin MCV Thrombocytes
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Due to high demand, two different sets of samples will be sent (Gr. 612 = Gr. 912).
 The group number you receive will be set by INSTAND e.V. before each EQAS shipment.
 Both groups are equivalent.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	10.03.23	14.07.23	18.08.23
Sample shipment:	17.01.23	09.05.23	12.09.23	17.10.23
Closing date:	27.01.23	19.05.23	22.09.23	27.10.23

Haematology 07 – Blood Smear Analysis

Samples: 2 peripheral blood smears
 Sample properties: Slides
 Shipping information: Cooled shipping
 Certificate validity: 12 months

Blood Cell Differentiation in %
 Morphology of erythrocytes, leucocytes and platelets

Diagnostic comment

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 digital slides in a virtual microscope of bone marrow aspirate
 Sample properties: Digital slides
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Evaluation and diagnosis

Available online in digital microscopy! – No shipment!

	Mar. (2)	Sep. (5)
Registration deadline:	24.02.23	18.08.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Haematology 10 – Immunophenotyping 01

Kern / Schabath

213

Samples: 2 samples
 Sample properties: Whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Lymphocyte-immunophenotyping – peripheral blood:

B-Lymphocytes	CD4 pos. lymphocytes with CD3-expression (%)
CD4 pos. lymphocytes with CD3-expression (/nl)	CD8 pos. lymphocytes with CD3-expression
Leucocytes	Lymphocytes (in % of all leucocytes)
NK-cells without CD3-expression	T-lymphocytes

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	14.07.23
Sample shipment:	14.03.23	12.09.23
Closing date:	24.03.23	22.09.23

Haematology 11 – Stem/Progenitor Cells (CD 34)

Gutensohn / Humpe

217

Samples: 2 samples
 Sample properties: Whole blood
 Shipping information: Cooled shipping
 Certificate validity: 12 months

Flow cytometric determination of CD34+ stem and progenitor cells and viability measurements

	Jan. (1)	Mar. (2)	July (4)	Sep. (5)
Registration deadline:	18.11.22	13.01.23	05.05.23	14.07.23
Sample shipment:	17.01.23	14.03.23	04.07.23	12.09.23
Closing date:	27.01.23	24.03.23	14.07.23	22.09.23

Samples: 2 samples
 Sample properties: Sample I and II: bone marrow or blood smears and leukaemia or lymphoma cells
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Immunophenotyping of leukemias/lymphomas

Immunophenotyping of Hematologic Neoplasms

	Mar. (2)	Sep. (5)
Registration deadline:	30.12.22	14.07.23
Sample shipment:	28.02.23	12.09.23
Closing date:	10.03.23	22.09.23

Samples: 2 samples
 Sample properties: EDTA blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

GPI-deficient cells

Due to high demand 3 different sets of samples will be sent (No. 616 = No. 916 or No. 917).
 The group number you receive will be set by INSTAND e.V. before each EQAS shipment.
 All groups are equivalent!

	May (3)	Oct. (6)
Registration deadline:	03.03.23	28.07.23
Sample shipment:	02.05.23	26.09.23
Closing date:	19.05.23	13.10.23

Samples: 2 samples
 Sample properties: Cellular products
 Shipping information: Cooled shipping
 Certificate validity: 12 months

For flow cytometric determination of T, B and NK cells in cellular products only

	May (3)	Oct. (6)
Registration deadline:	10.03.23	18.08.23
Sample shipment:	09.05.23	17.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples
 Sample properties: Whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Haemoglobin analysis with evaluation and diagnosis

	May (3)	Nov. (6)
Registration deadline:	10.03.23	18.08.23
Sample shipment:	09.05.23	17.10.23
Closing date:	26.05.23	03.11.23

Haematology 16 – Free Haemoglobin

Samples: 2 samples
 Sample properties: Lyophilised erythrocytes preparation
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Haemoglobin (free)

The samples are not suitable for methods based on photometric measurements of the oxyhaemoglobin peaks around 540 nm and/or 577 nm. The Harboe method (415 nm peak) is not affected. The quantitative hemolysis index from automated chemistry analysers can also provide a suitable result.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Autoimmune Diseases

Autoimmune Diseases 01 – Connective Tissue Diseases (ANA)

Blüthner / Seelig

251

Samples: 2 samples of 0.3 ml
 Sample properties: Plasma/Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months / 12 months

Antibodies against cell nuclei (antinuclear antibodies)

Autoantibodies against dsDNA
 Collagenosis Screening

Autoantibodies against nuclei (ANA)
 anti-DFS70 / LEDGF

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Autoimmune Diseases 02 – Hepatic Syndromes

Blüthner / Seelig

253

Samples: 2 samples of 0.3 ml
 Sample properties: Serum/Plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

anti-Actin
 anti-Mitochondria

anti-H+/K+-ATPase
 anti-Parietal cells

anti-Microsomes (LKM 1)
 anti-smooth muscle

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Autoimmune Diseases 03 – Connective Tissue Diseases (ENA)

Blüthner / Seelig

255

Samples: 2 samples of 0.3 ml
 Sample properties: Plasma/Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Antibodies against ENA

anti-Jo 1 (Histidyl-tRNA-Synthetase)
 anti-SS-A / Ro
 anti-SS-A / Ro (60 kD – proteins)
 anti-Sm
 anti-Topoisomerase-1 (Scl 70)

anti-PM / Scl
 anti-SS-A / Ro (52 kD – proteins)
 anti-SS-B / La
 anti-SmD
 anti-U1-snRNP

	Sep. (5)
Registration deadline:	23.06.23
Sample shipment:	22.08.23
Closing date:	08.09.23

Samples: 2 samples of 0.3 ml
 Sample properties: Serum/Plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months / 12 months

Antibodies against neutrophilic granulocytes (ANCA)

anti-MPO

anti-glomerular basement membrane (GBM)

p-ANCA

anti-PR3

c-ANCA

Mar. (2)

Sep. (5)

Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Autoimmune Diseases 05 – Autoimmune Dermatitis

Samples: 2 samples of 0.3 ml
 Sample properties: Serum/Plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

anti- Desmosomes

anti-Desmoglein 1
 anti-Hemidesmosomes

anti-BPAg 180

anti-Desmoglein 3

anti-BPAg 230

anti-Desmoplakin I / II

Mar. (2)

Registration deadline:	06.01.23
Sample shipment:	28.02.23
Closing date:	17.03.23

Autoimmune Diseases 06 – Diabetes mellitus

Samples: 2 samples of 0.3 ml
 Sample properties: Serum/Plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

anti-Glutamic Acid Decarboxylase (GAD)

anti-Islet cells (ICA)

anti-Tyrosine Phosphatase (IA2)

anti-Insulin (IAA)

anti-Islet cells – JDFU

anti-Zinc Transporter 8 (ZnT8A)

Sep. (5)

Registration deadline:	23.06.23
Sample shipment:	22.08.23
Closing date:	08.09.23

Samples: 2 samples of 0.3 ml Sample properties: Serum/Plasma Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
anti-P450 C17 – Hydroxylase anti-P450 ssc – Hydroxylase	anti-P450 C21 – Hydroxylase anti-adrenal cortex	
Sep. (5) Registration deadline: 23.06.23 Sample shipment: 22.08.23 Closing date: 08.09.23		

Samples: 2 samples of 0.3 ml Sample properties: Serum/Plasma Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
anti – Glia Cell Nuclear Antibody (AGNA) anti-HuD anti-Purkinje cells anti-SOX1 anti-Yo (CDR62)	anti-Amphiphysin 1 anti-Neuronal nuclei anti-Ri / Nova 1 anti-Ta (Ma 2)	
Mar. (2) Registration deadline: 06.01.23 Sample shipment: 28.02.23 Closing date: 17.03.23		

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
anti-Asialoganglioside (AGA1) anti-Disialoganglioside (GD1b) anti-Monosialoganglioside (GM2) anti-Myelin-associated Glycoprotein (MAG) anti-Trisialoganglioside (GT1b)	anti-Disialoganglioside (GD1a) anti-Monosialoganglioside (GM1) anti-Monosialoganglioside (GM3) anti-Quadrosialoganglioside (GQ1b)	
Mar. (2) Registration deadline: 06.01.23 Sample shipment: 28.02.23 Closing date: 17.03.23		

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping information: Shipping at ambient temperature Certificate validity: 24 months	
anti-Acetylcholin receptors anti-Titin	anti-Musclespecific Receptor Tyrosinkinase (MuSK) anti-skeletal muscle
Mar. (2)	
Registration deadline:	06.01.23
Sample shipment:	28.02.23
Closing date:	17.03.23

Autoimmune Diseases 11 – Gluten-Sensitive Enteropathies

Samples: 2 samples of 0.3 ml Sample properties: Plasma/Serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months / 12 months		
anti-Endomysium IgA anti-Transglutaminase IgA	anti-Gliadin IgA anti-deamidated Gliadin IgA	anti-Gliadin IgG anti-deamidated Gliadin IgG
Mar. (2)		Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Autoimmune Diseases 12 – Rheumatoid Arthritis

Samples: 2 samples of 0.3 ml		
Sample properties: Serum/Plasma		
Shipping information: Shipping at ambient temperature		
Certificate validity: 6 months / 12 months		
Rheumatoid Factor, Rheumatoid Factor (isotypes)	anti-CCP (cyclic citrulline peptide)	
anti-MCV (mutated citrullinated Vimentin)		
Additional terms see EQA No. 323!		
	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Samples: 2 samples of 0.3 ml
 Sample properties: Plasma/Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

anti-Cardiolipin (IgA)	anti-Cardiolipin (IgG)	anti-Cardiolipin (IgM)
anti-β2-Glycoprotein (IgA)	anti-β2-Glycoprotein (IgG)	anti-β2-Glycoprotein (IgM)

Sep. (5)

Registration deadline:	23.06.23
Sample shipment:	22.08.23
Closing date:	08.09.23

Basophil Activation Test

Sack / Boldt

653

Samples: 2 samples of 2.6 ml
 Sample properties: EDTA whole blood, not stabilized, overnight shipping
 Shipping information: Cooled shipping
 Certificate validity: 12 months

Basophil activation by allergens bee and wasp. The stimulants are not included!

May (3)**Oct. (6)**

Registration deadline:	10.03.23	25.08.23
Sample shipment:	09.05.23	24.10.23
Closing date:	19.05.23	03.11.23

IgG Subclasses

Schellenberg / Falck

244

Samples: 2 samples of 1 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

IgG1	IgG2	IgG3	IgG4
		May (3)	Oct. (6)
Registration deadline:		03.03.23	11.08.23
Sample shipment:		02.05.23	10.10.23
Closing date:		19.05.23	27.10.23

Immunophenotyping 04 – Cellular Immunodeficiency Diagnostic

Sack / Boldt

651

Samples: 2 samples
 Sample properties: EDTA whole blood, not stabilized, overnight shipping
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

T, NK and B cell subpopulations including naive, memory, effector, activated, TH1/2 and Treg cells

	May (3)	Oct. (6)
Registration deadline:	10.03.23	25.08.23
Sample shipment:	09.05.23	24.10.23
Closing date:	19.05.23	03.11.23

Interferon Gamma Release Assay (IGRA)

Sack / Boldt

650

Samples: 2 samples of approx. 4 ml
 Sample properties: Heparin whole blood, not stabilized, overnight shipping
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Interferon Gamma Release Assay (IGRA)

Due to high demand two different sets of samples will be sent (Gr. 650 = Gr. 950). Please note:
 The EQAS is designed for participants who use a TB Elispot (e.g. T-SPOT®.TB) or a test with
 prestimulation in a tube (e.g. QuantiFeron®-TB Gold Plus).

	May (3)	Oct. (6)
Registration deadline:	10.03.23	25.08.23
Sample shipment:	09.05.23	24.10.23
Closing date:	26.05.23	10.11.23

Immunohaematology 01

Wagner / Geisen

231

Samples: 2 sets of samples: 1 set = 1 x 5 ml / 1 x 5 ml erythrocytes suspension
 Sample properties: Serum / erythrocytes suspension
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

A B O – Typing Rh – Subtyping (without Cw) Kell antigen	Rh (D) Factor Antibody Screening	A – Subtyping Direct Antiglobulin Test
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	Mar. (2)	May (3)	July (4)	Oct. (6)
Registration deadline:	02.12.22	03.02.23	31.03.23	14.07.23
Sample shipment:	28.02.23	02.05.23	27.06.23	10.10.23
Closing date:	17.03.23	19.05.23	14.07.23	27.10.23

Immunohaematology 02 (incl. Antibody Identification)

Wagner / Geisen

232

Samples: 2 sets of samples: 1 set = 2 x 5 ml / 1 x 5 ml erythrocytes suspension
 Sample properties: Serum / erythrocytes suspension
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

A B O – Typing Rh – Subtyping (without Cw) Kell antigen	Rh (D) Factor Antibody Screening Antibody identification	A – Subtyping Direct Antiglobulin Test AB quantitation
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	Mar. (2)	May (3)	July (4)	Oct. (6)
Registration deadline:	02.12.22	03.02.23	31.03.23	14.07.23
Sample shipment:	28.02.23	02.05.23	27.06.23	10.10.23
Closing date:	17.03.23	19.05.23	14.07.23	27.10.23

Immunohaematology 03 – Platelet Immunology

Sachs / Kroll

233

Samples: 3 samples, 2 samples of DNA, 2 samples of platelet suspension
 Sample properties: Serum or plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Platelet antibodies Platelet antigens

This EQA scheme is intended for laboratories which are able to detect platelet alloantibodies and antigens. The EQA scheme No. 235 'Immunohaematology 06 – Molecular Diagnostic' was designed for laboratories which only want to carry out platelet antigen genotyping.

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	31.03.23	22.09.23

Samples: 3 samples of plasma, 2 samples of DNA
Sample properties: Plasma + DNA
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

HNA/granulocyte antibodies
HNA/granulocyte (neutrophil) antigens

This EQA scheme includes all HNA specifications. It is dedicated to laboratories which are able to detect granulocyte alloantibodies and antigens.

The EQA scheme No. 235 'Immunohaematology 06 – Molecular Diagnostic' was designed for laboratories which only want to perform HNA genotyping. Because of the complicated preparation of the samples, INSTAND e.V. reserves the right to no longer supply laboratories with proficiency test samples, which have repeatedly not sent back any results.

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	31.03.23	22.09.23

Immunohaematology 05 – Machine-Based Analysis

Samples: 2 samples
Sample properties: Anticoagulated whole blood (haematocrit 30%)
Shipping information: Shipping at ambient temperature
Certificate validity: 6 months / 12 months

A B O – Typing Rh – Subtyping (without Cw) Kell antigen	Rh (D) Factor Antibody Screening Antibody identification	A – Subtyping Direct Antiglobulin Test
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	Mar. (2)	May (3)	July (4)	Oct. (6)
Registration deadline:	02.12.22	03.02.23	31.03.23	14.07.23
Sample shipment:	28.02.23	02.05.23	27.06.23	10.10.23
Closing date:	17.03.23	19.05.23	14.07.23	27.10.23

Samples: 4 samples
 Sample properties: DNA
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Red cells: ABO, MNS, RHD, RHD-Deletion, RHCE, LU, KEL, FY, JK, DI, YT, DO, CO, LW, KN, VEL.
 Platelets: HPA-1, 2, 3, 4, 5, 6, 9, 15.
 Granulocytes: HNA-1a, -1b, -1c; HNA-3, HNA-4, HNA-5.

A list of the alleles necessary for successful participation can be found at:

www.instand-ev.de/mandatory-alleles

	May (3)	Nov. (6)
Registration deadline:	03.03.23	18.08.23
Sample shipment:	02.05.23	17.10.23
Closing date:	19.05.23	03.11.23

Immunohaematology 07 – Machine-Based Analysis (incl. AB Quantitation)

Samples: 2 samples, anticoagulated whole blood (haematocrit 30%), 2 samples of plasma
 Sample properties: Anticoagulated whole blood (haematocrit 30%) / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

A B O – Typing Rh – Subtyping (without Cw) Kell antigen	Rh (D) Factor Antibody Screening Antibody identification	A – Subtyping Direct Antiglobulin Test AB quantitation
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	Mar. (2)	May (3)	July (4)	Oct. (6)
Registration deadline:	02.12.22	03.02.23	31.03.23	14.07.23
Sample shipment:	28.02.23	02.05.23	27.06.23	10.10.23
Closing date:	17.03.23	19.05.23	14.07.23	27.10.23

Complement Analysis 01 – Auto-anti-C1q

Prohaszka / Kirschfink

245

Samples: 2 samples of 100 µl
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Auto-anti C1q (IgG)

Auto-anti C1q (IgG) (qualitative)

Mar. (2)

Nov. (6)

Registration deadline: 06.01.23
 Sample shipment: 28.02.23
 Closing date: 31.03.23

11.08.23
 10.10.23
 10.11.23

Complement Analysis 02 – Functions and proteins

Prohaszka / Kirschfink

246

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Alternative pathway

C1 inhibitor: activity

C1 inhibitor: protein

C1q

C3

C4

Classical pathway

Factor H

Factor I

Lectin pathway

Analysis of the total function of the 3 complement activation pathways (classical, alternative and lectin pathways) either by functional ELISA (WIELISA), by haemolytic (CH50, AH50) or by liposome-based assay (classical pathway). Participation with one parameter (e.g. CH50) is possible.

Mar. (2)

Nov. (6)

Registration deadline: 06.01.23
 Sample shipment: 28.02.23
 Closing date: 31.03.23

11.08.23
 10.10.23
 10.11.23

Complement Analysis 03 – Complement activation products

Prohaszka / Kirschfink

247

Samples: 2 samples of 500 µl
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

C3a, C3d, Bb, sC5b-9

Participation with one parameter (e.g. sC5b-9) possible

Nov. (6)

Registration deadline: 11.08.23
 Sample shipment: 10.10.23
 Closing date: 10.11.23

Samples: 2 samples of 150 µl
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

C3-nephritic factor (qualitative)

Nov. (6)

Registration deadline: 11.08.23
 Sample shipment: 10.10.23
 Closing date: 10.11.23

Samples: 2 samples of 300 µl
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Auto-anti FH-(qualitative)

Auto-anti-FH (quantitative)

Nov. (6)

Registration deadline: 11.08.23
 Sample shipment: 10.10.23
 Closing date: 10.11.23

Samples: 2 samples of 100 µl
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Auto-anti-C1 inhibitor IgA (qualitative)
 Auto-anti-C1 inhibitor IgM (qualitative)

Auto-anti-C1 inhibitor IgG (qualitative)

Nov. (6)

Registration deadline: 11.08.23
 Sample shipment: 10.10.23
 Closing date: 10.11.23

ACE (Angiotensin-Converting-Enzyme)

Durner / N.N.

630

Samples: 2 samples of 0.5 ml
 Sample properties: Serum, liquid, stabilized
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

ACE

	Mar. (2)	May (3)	July (4)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	28.04.23	11.08.23
Sample shipment:	28.02.23	02.05.23	27.06.23	10.10.23
Closing date:	17.03.23	19.05.23	14.07.23	27.10.23

Amino Acid Analysis

N.N. / Schadewaldt

710

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

4-Hydroxyproline (free)	Alanine	Arginine
Argininosuccinic acid	Asparagine	Aspartic acid
Citrulline	Cystathionine	Cystine
Cysteine-Homocysteine-disulfide	Glutamic acid	Glutamine
Glycine	Histidine	Isoleucine
Leucine	Lysine	Methionine
Ornithine	Phenylalanine	Phosphoethanolamine
Proline	Sarcosine	Serine
Taurine	Threonine	Tryptophan
Tyrosine	Valine	allo-Isoleucine
alpha-Aminoadipic acid	b-Alanine	proposed diagnosis

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Liquid controls
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Ammonia

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Biogenic Amine in Plasma

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised Plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

3-Methoxytyramine	Dopamine	Epinephrine
Metanephrines	Norepinephrine	Normetanephrine
Serotonin		

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Markers of Ethanol Abuse 01

Samples: 2 samples
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Asialotransferrin	Asialotransferrin+Disialotransferrin	Disialotransferrin		
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Myocardial Markers

Baum / Peetz

760

Samples: 2 samples of 2 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

CK-MB (activity)	CK-MB (mass)	CK-MB (qualitative)
Myoglobin	Myoglobin (qualitative)	NT-pro BNP
Troponin I	Troponin I (qualitative)	Troponin T
Troponin T (qualitative)		

Please note that this EQA scheme is not suitable for methods that require whole blood.

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Myocardial Markers BNP

Baum / Peetz

761

Samples: 2 samples
 Sample properties: Serum or plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

BNP

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Ethanol

Schellenberg / Falck

700

Samples: 2 samples of 2 ml
 Sample properties: Serum or plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Ethanol

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Serum Proteins/Electrophoresis

Niederau / Schellenberg

141

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Albumin	Albumin (electrophoresis)	Protein
a1-Globulins	a2-Globulins	beta-Globulins
gamma-Globulins		

Participants using the method capillary zone electrophoresis please order programm 102 – Capillary Zone Electrophoresis

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Fecal Diagnostics 01

Durner / Spannagl

130

Samples: 2 samples of 0.5-1 ml
 Sample properties: Lyophilised stool
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Calprotectin	Calprotectin (qualitative)	Fecal elastase	
Fecal elastase (qualitative)			
	Mar. (2)	July (4)	Oct. (6)
Registration deadline:	06.01.23	28.04.23	11.08.23
Sample shipment:	28.02.23	27.06.23	10.10.23
Closing date:	17.03.23	14.07.23	27.10.23

Fecal Diagnostics 02

Durner / Spannagl

131

Samples: 2 samples of 0.5-1 ml
 Sample properties: Lyophilised stool
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Haemoglobin	Haemoglobin (qualitative)	
Hemoglobin-Haptoglobin-complex	Hemoglobin-Haptoglobin-complex (qualitative)	
	Mar. (2)	Oct. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	17.03.23	27.10.23

Fructosamine

Niederau / Kaiser

146

Samples: 2 samples
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Fructosamine

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Gammopathies

Peetz / Niederau

243

Samples: 2 samples of 1 ml
 Sample properties: Plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Free light chains type kappa (quantitative)	Free light chains type lambda (quantitative)
Gammopathies	IgA
IgG	IgM
kappa/lambda (ratio)	

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Glucose – Conventional Analysis

Niederau / Falck

111

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Glucose

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Haemostasis 01 – PT, INR, aPTT

Spannagl / Dick

221

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Global test I:

Prothrombintime (PTZ, Quick)

Prothrombintime (PTZ, INR)

aPTT

No. 221 is only for measuring in plasma samples. For measurements of whole blood in POCT systems, please register for No. 286!

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Haemostasis 02 – FIB, TZ, FSP

Spannagl / Dick

222

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Global test II:

TZ

FIB

FSP screening using batroxobin time or heparin-independent thrombin time

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Haemostasis 03 – Factor II, V, VII, X

Spannagl / Dick

223

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Single factors A (via PT):

FACTOR II

FACTOR V

FACTOR VII

FACTOR X

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Single factors B (via APTT, etc.):				
FACTOR IX	FACTOR XI	FACTOR XII	FACTOR XIII	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Inhibitors (AT, PC, PS)				
Antithrombin Free Protein S funct. (act.)	C1-Inhibitor Protein S total	Free Protein S immun. (conc.) Total Protein C		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 0.5 ml or 1 ml Sample properties: Lyophilised plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
D-Dimer (qualitative)	D-Dimer (quantitative)			
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Factor VIII akt.	Willebrand fact. Ag	Willebrand fact. CBA
Willebrand fact. RiCof	Willebrand fact. activity	

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Argatroban	Thrombin Time	aPTT
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	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Thrombin Time	UF Heparin	aPTT
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	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

LMW Heparin

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Orgaran

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Extrinsic: A20 [mm] Extrinsic: CT[s] r[min] Extrinsic: MCF [mm]
 Intrinsic: A20 [mm] Intrinsic: CT[s] r[min] Intrinsic: MCF [mm]

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Antithrombin
 Fibrinogen
 Prothrombintime (PT, Quick)
 aPTT

D-Dimer (quantitative)
 Prothrombintime (PT, INR)
 Thrombin Time

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Haemostasis 18 – POCT

Samples: 2 sets of samples: 1 set = 2 samples of 1 ml; Starting reagent of 5 ml
 Sample properties: non-stabilized whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Due to different detection techniques that are applied, not every sample material can be guaranteed to be suitable for every POCT machine. The machines microINR by Axon Lab as well as Xprecia Stride by Siemens are not suitable for this EQAS!

ACT
 aPTT

Prothrombintime (PT, INR)

Prothrombintime (PT, Quick)

Please note the shot completion time!

	Jan. (1)	May (3)	Sep. (5)	Nov. (6)
Registration deadline:	18.11.22	24.03.23	07.07.23	25.08.23
Sample shipment:	17.01.23	23.05.23	05.09.23	24.10.23
Closing date:	19.01.23	25.05.23	07.09.23	26.10.23

Haemostasis 20 – Functional APC Resistance

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Functional APC resistance

APC resistance

Diagnostic comments

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Fondaparinux

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Dabigatran

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Rivaroxaban

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Apixaban

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 x 3 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Extrinsic: A20 [mm] Extrinsic: CT[s] r[min] Extrinsic: MCF [mm]
 Extrinsic: MCF [mm] Intrinsic: A20 [mm] Intrinsic: CT[s] r[min]
 Intrinsic: MCF [mm]

Participation only for device Rotem Sigma!

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Edoxaban

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 1 ml
Sample properties: Lyophilised plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Emicizumab

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

HbA1c

Kaiser / Kramer

145

Samples: 2 samples of 0.3 ml
 Sample properties: EDTA whole blood, not stabilized
 Shipping information: Cooled shipping
 Certificate validity: 6 months

HbA1c

The samples must be measured within 2 days of receipt!

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	20.01.23	10.03.23	05.05.23	14.07.23	25.08.23
Sample shipment:	17.01.23	21.03.23	09.05.23	04.07.23	12.09.23	24.10.23
Closing date:	20.01.23	24.03.23	12.05.23	07.07.23	15.09.23	27.10.23

Urinary Stone Analyses

Neubeck / Reuner

500

Samples: 2 samples
 Sample properties: Pulverized material
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Adrenal Gland/Pituitary

Luppa / Schneider

298

Samples: 2 samples of 3 or 5 ml
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

1-39 ACTH HGH Prolactin (3. IS)	DHEA	DHEA-S			
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)	
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23	
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23	
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23	

Aldosterone

Luppa / Schneider

304

Samples: 2 samples
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Aldosterone

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Calcium Metabolism / Special Thyroid

Durner / Luppa

301

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

1-84 PTH	Calcitonin	Thyreoglobulin			
	Jan. (1)	May (3)	July (4)	Oct. (6)	
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23	
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23	
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23	

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

FSH	LH	anti-Mullerian hormone			
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:		06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:		28.02.23	02.05.23	22.08.23	10.10.23
Closing date:		17.03.23	19.05.23	08.09.23	27.10.23

Gravidity – 1st Trimester Screening

Samples: 2 samples
 Sample properties: Serum or plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Free beta-chain hCG	PAPP-A				
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:		06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:		28.02.23	02.05.23	22.08.23	10.10.23
Closing date:		17.03.23	19.05.23	08.09.23	27.10.23

Gravidity – 2nd Trimester Screening

Samples: 2 samples
 Sample properties: Serum or plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

AFP	hCG intact	hCG intact +beta-hCG free			
		Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:		06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:		28.02.23	02.05.23	22.08.23	10.10.23
Closing date:		17.03.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Erythropoietin

Thrombopoietin

May (3)

Oct. (6)

Registration deadline:

03.03.23

11.08.23

Sample shipment:

02.05.23

10.10.23

Closing date:

19.05.23

27.10.23

Pancreas/Gastrointestinal Tract

Durner / Lupp

300

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

C-Peptide
InsulinGastrin
Pro-insuline

Glucagon

Jan. (1)

May (3)

July (4)

Oct. (6)

Registration deadline:

18.11.22

03.03.23

28.04.23

11.08.23

Sample shipment:

10.01.23

02.05.23

27.06.23

10.10.23

Closing date:

27.01.23

19.05.23

14.07.23

27.10.23

Preeclampsia Marker

Lupp / Schneider

625

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

PLGF (placental growth factor)

sFLT-1 (soluble fms-like tyrosine kinase-1)

May (3)

Oct. (6)

Registration deadline:

03.03.23

11.08.23

Sample shipment:

02.05.23

10.10.23

Closing date:

19.05.23

27.10.23

Samples: 2 samples of 2 ml
 Sample properties: Serum, liquid
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

17-beta-Estradiol
 T3 total (triiodothyronine)
 Testosterone

Cortisol
 T4 total (thyroxine)
 free T3 (f-triiodothyronine)

Progesterone
 TSH
 free T4

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Thyroid Gland Antibodies

Durner / Luppa

295

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

TRAK/THYBIA
 anti-Thyroglobuline

anti-TPO

anti-Microsome

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Thyroid Hormones

Durner / Luppa

294

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

T3 total (triiodothyronine)
 free T3 (f-triiodothyronine)

T4 total (thyroxine)
 free T4

TSH

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples
Sample properties: Serum or plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

17-Hydroxyprogesterone Androstendion

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Capillary Zone Electrophoresis

Niederau / Schellenberg

102

Samples: 2 samples

Sample properties: Serum, liquid

Shipping information: Shipping at ambient temperature

Certificate validity: 12 months

Albumin (electrophoresis)
beta-Globulinsa1-Globulins
gamma-Globulins

a2-Globulins

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Clinical Chemistry – Conventional Analysis

Falck / Niederau

100

Samples: 2 samples of 5 ml

Sample properties: Lyophilised serum

Shipping information: Shipping at ambient temperature

Certificate validity: 6 months / 12 months

AP

Albumin (electrophoresis)

Bilirubin conj.

Calcium

Copper

GLDH

Glucose

IgG

Iron binding capacity

Lipase

Osmolality

Potassium

Sodium

Urea

gamma-Globulins

Acid phosphatase

Aldolase

CHE

Chloride

Creatinine

GOT (ASAT)

HBDH

IgM

LDH

Lithium

Pancreas amylase

Prostatic acid Phosphatase

Transferrine

Uric Acid

Albumin

Bilirubin

CK

Cholesterol

GGT

GPT (ALAT)

IgA

Iron

Lactate

Magnesium

Phosphate

Protein

Triglycerides

alpha-Amylase

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples of 0.5 ml
 Sample properties: Lyophilised whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

G6PDH

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Lipids/Lipoproteins

Niederau / N.N.

151

Samples: 2 samples
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Apolipoprotein A1 Cholesterol LDL-cholesterol Triglycerides	Apolipoprotein B HDL-cholesterol Lp (a)	Apolipoprotein E Homocystein Phospholipids
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	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Cerebrospinal Fluid Analysis 01 – Protein Analysis

Uhr / Zimmermann / Reiber

460

Samples: 2 sets = CSF + serum of 1 ml
 Sample properties: CSF + serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

(Evaluation of CSF/serum quotients in diagrams and age-related interpretation)

Albumin	Albumin – CSF	IgA
IgA – CSF	IgG	IgG – CSF
IgM	IgM – CSF	Protein – CSF

Sample volumes in the CSF proficiency tests (No. 460-466) are limited as it is difficult to acquire large volumes of CSF.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Cerebrospinal Fluid Analysis 02 – Oligoclonal IgG

Uhr / Zimmermann / Reiber

462

Samples: 1 set of samples, CSF + serum of 150 µl
 Sample properties: CSF + serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months / 12 months

(paired analysis of samples and interpretation)

Interpretation of the report Oligoclonal IgG

The acquisition of samples is demanding, as it is not possible to use pooled CSF, i.e. the samples are from individual patients (catheter, drainage, etc.).

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Cerebrospinal Fluid Analysis 03 – MRZ Reaction

Uhr / Zimmermann / Reiber

463

Samples: 1 set of samples, CSF + serum à 1 ml
 Sample properties: CSF + serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Antibodies against Measles viruses, Rubella viruses, Varicella zoster viruses, Herpes simplex viruses (1+2).
 Analysis of virus-specific antibodies in CSF and serum for detection of specific antibody response in central nervous system (MRZ reaction).

Detection of titers is not suitable. Evaluation as antibody index and interpretation of combined data.

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 0.5 ml
 Sample properties: CSF + serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Glucose – CSF

Glucose quotient – diagnostic comment

Lactate

Glucose quotient (CSF/Serum)

Interpretation of the report

Lactate – diagnostic comment

Calculation of the CSF/serum ratio of glucose. Interpretation with respect to the reference range.

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Cerebrospinal Fluid Analysis 05 – Neuroborreliosis

Samples: 1 set of samples, CSF + serum
 Sample properties: CSF + serum, the CSF sample is not native CSF but serum diluted to CSF concentration
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Borrelia IgG Antibody Index (AI) calculation

Interpretation of the report

Detection of titers is not suitable. Calculation of antibody index and interpretation.

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Cerebrospinal Fluid Analysis 06 – Dementia Markers

Samples: 1 CSF sample of 1 ml
 Sample properties: CSF
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Amyloid β Peptid 40 (A β 40)
 Amyloid β Peptid Ratio (A β 42/40)
 Total Tau Protein (Tau)

Amyloid β Peptid 42 (A β 42)
 PhosphoTau Protein (pTau)

Neurochemical dementia diagnostics: Support for differential diagnosis of dementia by interpretation of the combined analysis of different marker proteins in CSF.

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Neonatal Bilirubin

Niederau / Falck

110

Samples: 2 samples of 2 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Neonatal Bilirubin

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Newborn screening

Hallbach / Spannagl

785

Samples: 2 samples
 Sample properties: Filter papers, each with 2 dried blood spots
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

17-Hydroxyprogesterone IRT PAP TSH

No shipping outside Germany possible!

Samples and evaluation by Reference Institute for Bioanalytics, Bonn.

An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

	Feb. (1)	Apr. (3)	July (4)	Oct. (6)
Registration deadline:	26.12.22	06.03.23	29.05.23	14.08.23
Sample shipment:	25.01.23	05.04.23	28.06.23	13.09.23
Closing date:	18.02.23	29.04.23	22.07.23	07.10.23

Antiarrhythmics – Amiodaron

Steimer / Schneider

190

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Amiodarone

Desethylamiodarone

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Antibacterials 01 – Teicoplanin

Steimer / Schneider

193

Samples: 2 samples of 2 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Teicoplanin

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Antibacterials 02

Schneider / Steimer

890

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Ampicillin
 Linezolid
 Sulbactam

Cefepime
 Meropenem
 Tazobactam

Ceftazidime
 Piperacilline

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Lamotrigine	Levetiracetam	Sulthiame		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 3 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

10-OH-Carbamazepine	Carbamazepine-epoxide	N-Desmethylnethsuximide		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 2.5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Eslicarbazepine acetate	Felbamate	Lacosamide	Rufinamide	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 2.5 ml Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Gabapentin Topiramate	Pregabalin Vigabatrin	Tiagabine Zonisamide		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples Sample properties: Lyophilised serum / plasma Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Hydroxy-Itraconazole	Itraconazole	Mycophenolic acid		
	Mar. (2)			Oct. (6)
Registration deadline:	06.01.23			11.08.23
Sample shipment:	28.02.23			10.10.23
Closing date:	17.03.23			27.10.23

Samples: 2 samples of 5 ml (+ 2 samples of 3 ml antibiotics) Sample properties: Lyophilised serum Shipping information: Shipping at ambient temperature Certificate validity: 12 months				
Chloramphenicol Posaconazole	Fluconazole Voriconazole	Flucytosine		
		May (3)		Oct. (6)
Registration deadline:		03.03.23		11.08.23
Sample shipment:		02.05.23		10.10.23
Closing date:		19.05.23		27.10.23

Samples: 2 samples of 2 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Clozapine

N-Desmethylozapine

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Antipsychotics/Antidepressives 02

Steimer / Schneider

873

Samples: 2 samples of 2.5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Amisulpride

Desmethylsertraline

Fluvoxamine

Levomepromazine

Pipamperone

Reboxetine

Sertraline

Ziprasidone

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Antipsychotics/Antidepressives 03

Steimer / Schneider

874

Samples: 2 samples of 2.5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Desmethylfluoxetine

Fluoxetine

Mianserine

Perazine

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples of 2.5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Chlorprotixene	Desmethyloanzapine		Olanzapine		Paroxetine	
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Antivirals

Samples: 2 samples of 1 – 3 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

We will inform you in time about the current parameters for the determination from the list below.

Aciclovir	Atazanavir	Darunavir	Dolutegravir	
Efavirenz	Elvitegravir	Etravirine	Lopinavir	
Maraviroc	Nevirapine	Raltegravir	Ribavirin	
Rilpivirin	Ritonavir	Tenofovir		
	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Benzodiazepines 01

Samples: 2 samples of 2.5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Alprazolam	Chlordiazepoxide	Desalkylflurazepam	Diazepam	
Nordiazepam	Oxazepam	Trazodone		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 2.5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Clonazepam Temazepam	Flunitrazepam	Flurazepam	Nitrazepam	
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 2.5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Bromazepam	Clobazam (Clobazepam)	Lorazepam		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Samples: 4 samples
 Sample properties: Lyophilised whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Cyclosporine A	Everolimus	Sirolimus	Tacrolimus
	Mar. (2)		Oct. (6)
Registration deadline:	06.01.23		11.08.23
Sample shipment:	28.02.23		10.10.23
Closing date:	17.03.23		27.10.23

Samples: 4 samples of 1 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Paracetamol	Salicylic acid			
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Psychostimulants – ADHS-Treatment

Samples: 2 samples of 2.5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Atomoxetine	Methylphenidate	Ritalinic acid		
	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Psychotherapeutic Drugs 01

Samples: 2 samples of 5 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

10-OH-Carbamazepine O-Desmethylvenlafaxine	Aripiprazole Perazine	Citalopram Quetiapine	Lamotrigine Venlafaxine	
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 5 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Amisulpride
 O-Desmethylvenlafaxine

Escitalopram
 Quetiapine

Mirtazapine
 Venlafaxine

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Psychotherapeutic Drugs 03

Samples: 2 samples of 5 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

9-OH-Risperidone / Paliperidone
 Haloperidol
 Quetiapine

Clozapine
 N-Desmethylozapine
 Risperidone

Duloxetine
 Olanzapine
 Ziprasidone

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Psychotherapeutic Drugs 04

Samples: 2 samples of 5 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Amitriptyline
 Desipramine
 Maprotiline
 Nordoxepin

Clomipramine
 Doxepin
 N-Desmethylozapine
 Nortriptyline

Clozapine
 Imipramine
 Norclomipramine
 Trimipramine

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 2.5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Caffeine

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Therapeutic drugs 01 – Antiepileptics, Digoxin, Lithium and others

Steimer / Schneider / Kaiser

195

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Carbamacepine
 Lithium
 Primidon

Digoxin
 Phenobarbital
 Theophylline

Ethosuximid
 Phenytoin
 Valproic Acid

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Therapeutic drugs 02 – Antibiotics, Digitoxin, MTX

Steimer / Schneider / Kaiser

197

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Amicacin
 Methotrexate

Digitoxin
 Tobramycin

Gentamicin
 Vancomycin

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples of 2,5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Desipramine Normaproptiline	Imipramine Tricyclic Antidepressants – Screen	Maproptiline		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Tricyclic Antidepressants 01 – Quantitative in Serum

Samples: 2 samples of 2,5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Amitriptyline Nortriptyline	Clomipramine Tricyclic Antidepressants – Screen	Norclomipramine		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Tricyclic Antidepressants 02 – Quantitative in Serum

Samples: 2 samples of 2,5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Doxepin Tricyclic Antidepressants – Screen	Nordoxepin Trimipramine	Nortrimipramine		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 2,5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

May contain the following substances:

Amitriptyline	Clomipramine
Desipramine	Doxepin
Imipramine	Norclomipramine
Nordoxepin	Nortrimipramine
Nortriptyline	Tricyclic Antidepressants (qualitative)- Screening
Trimipramine	

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Tricyclic Antidepressants 05 – Qualitative in Urine

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised urine
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

May contain the following substances:

Amitriptyline	Clomipramine
Desipramine	Doxepin
Imipramine	Norclomipramine
Nordoxepin	Nortrimipramine
Nortriptyline	Tricyclic Antidepressants (qualitative)- Screening
Trimipramine	

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Photometer Controls

Kaiser / Kramer

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Samples: 2 samples
 Sample properties: Potassium picrate solution
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Wavelengths 334, 340, 365, 405 and 436 nm

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Infection Serology – C-Reactive Protein

Hunfeld / N.N.

322

Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

C-Reactive Protein (quantitative)

C-reactive protein (qualitative)

	Jan. (1)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	23.06.23	11.08.23
Sample shipment:	10.01.23	02.05.23	22.08.23	10.10.23
Closing date:	27.01.23	19.05.23	08.09.23	27.10.23

Plasmaproteins 01

Schellenberg / Falck

241

Samples: 2 samples of 1 ml
 Sample properties: Plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

C-Reactive Protein (quantitative)

C3

C4

Coeruloplasmin

Ferritin

Haptoglobin

Hemopexin

IGE

IgA

IgG

IgM

Transferrine

a1-Antitrypsine

a1-Glycoprotein

a2-Makroglobulin

sTfR

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Cystatin C

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Plasmaproteins 03 – hsCRP

Samples: 2 samples
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

hsCRP

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Blood Gas Analysis

Luppa / Schneider

161

Samples: 2 samples of 2.5 ml
 Sample properties: Liquid controls
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Chloride Lactate Sodium pCO ₂	Creatinine Magnesium Urea pH	Glucose Potassium ionized Calcium pO ₂				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Blood Gas Analysis – Haemoglobin

Dorn-Beineke / Nebe

162

Samples: 2 samples of 2.5 ml
 Sample properties: Liquid controls
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Fraction CO-Hb	Fraction Met-Hb	Fraction O ₂ -Hb	Haemoglobin			
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Blood Gas Analysis OPTI Systems

Luppa / Schneider

163

Samples: 2 samples of 1.7 ml
 Sample properties: Liquid controls
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Chloride Potassium ionized Calcium pO ₂	Haemoglobin Sodium pCO ₂ sO ₂	Lactate Urea pH				
	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Samples: 2 samples
 Sample properties: Plasma or whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Glucose

Point of Care Testing Systems

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Dry Chemistry 02 – POCT: Abaxis Piccolo System

Samples: 2 samples
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

AP	Albumin	Bilirubin
Bilirubin conj.	CK	Calcium
Chloride	Cholesterol	Creatinine
GGT	GOT (ASAT)	GPT (ALAT)
Glucose	HDL-cholesterol	LDH
LDL-cholesterol	Lactate	Magnesium
Phosphate	Potassium	Protein
Sodium	Triglycerides	Urea
Uric Acid	VLDL-cholesterol	alpha-Amylase
tCO ₂		

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Dry Chemistry 03 – POCT: Reflotron Systems

Samples: 2 samples
 Sample properties: Lyophilised serum / plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

AP	Bilirubin	CK
Cholesterol	Creatinine	GGT
GOT (ASAT)	GPT (ALAT)	Glucose
HDL-cholesterol	Pancreas amylase	Potassium
Triglycerides	Urea	Uric Acid
alpha-Amylase		

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Trace Elements 02 (Plasma)

Kaiser / Kramer

206

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Aluminium	Arsenic	Cadmium	Chromium
Cobalt	Copper	Fluoride	Gold
Iodine	Iron	Manganese	Nickel
Platin	Selenium	Zinc	
Mar. (2)		Oct. (6)	
Registration deadline:	06.01.23	11.08.23	
Sample shipment:	28.02.23	10.10.23	
Closing date:	24.03.23	03.11.23	

Trace Elements 03 (Serum)

Kaiser / Kramer

207

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Antimon	Beryllium	Bismuth	Molybdaen
Tin	Vanadium		
Mar. (2)		Oct. (6)	
Registration deadline:	06.01.23	11.08.23	
Sample shipment:	28.02.23	10.10.23	
Closing date:	24.03.23	03.11.23	

Trace Elements 04 (Whole Blood)

Kaiser / Kramer

208

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised whole blood
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Antimon	Arsenic	Cadmium	Chromium
Cobalt	Lead	Magnesium	Manganese
Mercury	Nickel	Selenium	Zinc
Mar. (2)		Oct. (6)	
Registration deadline:	06.01.23	11.08.23	
Sample shipment:	28.02.23	10.10.23	
Closing date:	24.03.23	03.11.23	

Tumor Markers

Holdenrieder / Peetz

292

Samples: 2 samples of 2 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

AFP	CA 125	CA 15-3	CA 19-9
CA 72-4	CEA	CYFRA 21-1	HE4
HER2/new	NSE	PSA, free	PSA, total
ROMA-Score	S100	SCC	TPA
TPS	Thyreoglobulin	beta-2-Microglobulin	hCG intact
hCG intact +beta-hCG free			

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Tumor Markers – Calcitonin/Pro-Gastrin-Releasing Peptide

Holdenrieder / Peetz

299

Samples: 2 samples of 1 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Calcitonin	Progastrin-releasing Peptide
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	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Tumor Markers – PSA and Testosterone

Holdenrieder / Peetz

293

Samples: 2 samples
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

PSA, free	PSA, total	Testosterone
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	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Drugs of Abuse in Human Urine 01 (Qualitative + Quantitative)

Steimer / Niederau

174

Samples: 2 samples of 3 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months				
Amphetamine (qualitative) Barbiturate-phenobarbiturate (qualitative) Benzoylcegonine (qualitative) Opiate / Morphin (qualitative)		Amphetamine (quantitative) Barbiturate-phenobarbiturate (quantitative) Benzoylcegonine (quantitative) Opiate / Morphin (quantitative)		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Drugs of Abuse in Human Urine 02 (Qualitative + Quantitative)

Steimer / Niederau

176

Samples: 2 samples of 3 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months				
(d-)Methamphetamine (quantitative) Buprenorphine (qualitative) LSD (qualitative) Methadone (qualitative)		(d-)Methamphetamine (qualitative) Buprenorphine (quantitative) LSD (quantitative) Methadone (quantitative)		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Drugs of Abuse in Human Urine 03 (Qualitative + Quantitative)

Steimer / Niederau

177

Samples: 2 samples of 3 ml Sample properties: Lyophilised urine Shipping information: Shipping at ambient temperature Certificate validity: 6 months / 12 months				
Benzodiazepine Lorazepam (qualitative) EDDP (qualitative) MDMA (qualitative) delta-9-THC-COOH (qualitative)		Benzodiazepine Lorazepam (quantitative) EDDP (quantitative) MDMA (quantitative) delta-9-THC-COOH (quantitative)		
	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 1 ml
 Sample properties: Lyophilised urine
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Ethylglucuronid

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Systematic Toxicological Analysis (STA)

Hallbach / Schneider

188

Samples: 2 samples of 10 ml
 Sample properties: Lyophilised urine
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months

Chromatographic analysis with identification of the active substance (STA)

No shipping outside Germany possible!

From a list of 30 substances, the proof of 6 – 8 substances with chromatographic methods is required in both samples.

Samples and evaluation by Reference Institute for Bioanalytics, Bonn. An evaluation by INSTAND e.V. does not take place and is not part of the INSTAND e.V. accreditation!

	May (3)	Sep. (5)
Registration deadline:	20.03.23	10.07.23
Sample shipment:	19.04.23	09.08.23
Closing date:	13.05.23	02.09.23

Trace Elements 01 (Urine)

Kaiser / Kramer

205

Samples: 2 samples of 10 ml
 Sample properties: Lyophilised urine
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Aluminium	Arsenic	Cadmium	Chromium
Cobalt	Copper	Fluoride	Iodine
Iron	Lead	Manganese	Mercury
Nickel	Selenium	Zinc	

	Mar. (2)	Oct. (6)
Registration deadline:	06.01.23	11.08.23
Sample shipment:	28.02.23	10.10.23
Closing date:	24.03.23	03.11.23

Samples: 2 samples of 10 ml
 Sample properties: Urine, liquid
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Albumin – Urine
 Glucose
 Protein
 specific gravity

Ascorbic acid
 Ketone bodies
 Urobilinogen

Bilirubin
 Leucocytes
 hCG

Erythrocytes
 Nitrite
 pH

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Urine Chemistry 02 (Quantitative)

Samples: 2 samples of 5 ml
 Sample properties: Urine lyophilised
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Albumin – Urine
 Creatinine
 Osmolality
 Sodium
 alpha-Amylase

Calcium
 Glucose
 Phosphate
 Urea
 total Protein – Urine

Chloride
 Magnesium
 Potassium
 Uric Acid

The proteins previously included in this group have been moved to the new group 182 Urine Protein Differentiation

	Jan. (1)	Mar. (2)	May (3)	July (4)	Sep. (5)	Oct. (6)
Registration deadline:	18.11.22	06.01.23	03.03.23	28.04.23	23.06.23	11.08.23
Sample shipment:	10.01.23	28.02.23	02.05.23	27.06.23	22.08.23	10.10.23
Closing date:	27.01.23	17.03.23	19.05.23	14.07.23	08.09.23	27.10.23

Urine Chemistry 03 (Biogene Amines)

Samples: 2 samples of 8 ml
 Sample properties: Lyophilised urine
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

3-Methoxytyramine
 Epinephrine
 Norepinephrine
 Vanillylmandelic acid

5-Hydroxyindolea acid
 Homovanillic acid
 Normetanephrine

Dopamine
 Metanephrines
 Serotonin

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Samples: 2 samples of 10 ml
 Sample properties: Lyophilised urine
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Aminolaevulinic acid	Coproporphyrin 1	Coproporphyrin 3
Coproporphyrin total	Heptaporphyrin	Hexaporphyrin
Pentaporphyrin	Porphobilinogen	Porphyrins total
Uroporphorin		

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised urine
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Aldosterone	Cortisol free	hCG intact
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	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: Pictures
 Sample properties: Digital slides
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Sediment pictures

Available online in digital microscopy! – No shipment!

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	06.01.23	28.04.23	23.06.23	06.10.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples
 Sample properties: Urine lyophilised / liquid
 Shipping information: Shipping at ambient temperature
 Certificate validity: 6 months / 12 months

Albumin – Urine
 Retinol binding protein
 alpha-2-macroglobulin

Creatinine
 Transferrine
 beta-2-Microglobulin

IgG
 alpha-1-Microglobulin

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Vitamins 01 (Serum)

Niederau / Schellenberg

290

Samples: 2 samples of 5 ml
 Sample properties: Lyophilised serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

1,25-OH Cholecalciferol	25-OH CCF (Vitamin D)
Biotin (Vitamin H)	Cobalamin (Vitamin B12)
Folic acid	Holotranscobalamine
Pantothenic acid (Vitamin B5)	Pyridoxal-5-phosphate (Vitamin B6)
Retinol (Vitamin A)	Riboflavin (Vitamin B2)
Thiamine total (Vitamin B1)	Tocopherol (Vitamin E)

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Vitamins 02 (Whole Blood)

Niederau / Schellenberg

291

Samples: 2 samples of 2 ml haemolysates
 Sample properties: Lyophilised
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Flavine Adenine Dinucleotide (FAD)	Flavine mononucleotid (FMN)
Pyridoxal-5-phosphate (Vitamin B6)	Riboflavin (Vitamin B2)
Thiamine total (Vitamin B1)	Thiaminpyrophosphat (TPP)

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Samples: 2 samples of 0.5 ml
Sample properties: Lyophilised plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Ascorbic acid (Vitamin C)

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Vitamin 04 – Methylmalonic Acid

Samples: 2 samples of 1 ml
Sample properties: Lyophilised plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Methylmalonic acid

	Jan. (1)	May (3)	July (4)	Oct. (6)
Registration deadline:	18.11.22	03.03.23	28.04.23	11.08.23
Sample shipment:	10.01.23	02.05.23	27.06.23	10.10.23
Closing date:	27.01.23	19.05.23	14.07.23	27.10.23

Bacterial Genome Detection

Bacterial Genome Detection – *Bordetella pertussis*

Reischl / Hiergeist

532

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of *Bordetella pertussis*

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Bacterial Genome Detection – *Borrelia burgdorferi*

Reischl / Fingerle

535

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of:
Borrelia burgdorferi

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Bacterial Genome Detection – Carbapenemase-Genes

Reischl / Anders

544

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 Carbapenemases

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 1 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 Chlamydia pneumoniae

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 Chlamydia trachomatis

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 Chlamydia trachomatis
 and Neisseria gonorrhoeae

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 Clostridium difficile toxin-genes

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months / 12 months

PCR or other procedures for nucleic acid amplification/detection of
 Coxiella burnetii
 and Bacillus anthracis

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 EHEC / STEC

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months / 12 months

PCR or other procedures for nucleic acid amplification/detection of
Francisella tularensis
 and *Brucella* spp.

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
Helicobacter pylori

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
Legionella pneumophila

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
Listeria spp.

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Bacterial Genome Detection – Molecular Genetic Analysis of the Human Microbiome

Gessner / Reischl

580

Samples: Standardized stool samples
 Sample properties: Standardized stool samples – delivered with dry ice!
 Shipping Information: Cooled shipping
 Certificate validity: 12 months

NGS-Analysis (next generation sequencing)

	July (3)
Registration deadline:	24.03.23
Sample shipment:	23.05.23
Closing date:	28.07.23

Bacterial Genome Detection – MRSA or cMRSA

Reischl / Hiergeist

539

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 MRSA / cMRSA

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
Mycoplasma pneumoniae

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
Salmonella enterica

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of specific DNA:

Selection of :

Mycoplasma hominis, Mycoplasma genitalium, Ureaplasma parvum, Ureaplasma urealyticum,
 Trichomonas vaginalis, Gardnerella vaginalis, Treponema pallidum

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Bacterial Genome Detection – VRE (Vancomycin Resistant Enterococci)

Samples: 1 set = 4 samples of 0.3 ml
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

PCR or other procedures for nucleic acid amplification/detection of
 Vancomycin resistant enterococci (VRE)

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Bacteriology (3 Samples)



Schlüter / Ziesing

411

Samples: 3 dry samples and 1 tube of a sterile nutrient solution 2 ml
 Sample properties: Lyophilized (strains) and liquid (bouillon)
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Cultivation, identification and susceptibility testing of fast-growing bacteria and accompanying bacterial flora of the urogenital tract, incl. yeasts
 Gram staining

Participants in the EQA schemes in bacteriology will get a certificate for Gram staining when successful in this part.

Additional participation in EQA scheme No. 413 'Gram Stain' is not required.

Participants will be notified in advance in case the panel of tested antibiotics will be changed.

Ampicillin	Ampicillin/Sulbactam	Cefpodoximproxetil
Ceftazidim	Ciprofloxacin	Levofloxacin
Penicillin	Meropenem	Oxacillin
Trimethoprim/Sulfamethoxazol	Fosfomycintrometamol	Nitrofurantoin
Pivmecillinam	Nitroxolin	Gentamicin

	Jan. (1)	Apr. (3)	July (4)	Nov. (6)
Registration deadline:	18.11.22	27.01.23	05.05.23	08.09.23
Sample shipment:	17.01.23	28.03.23	04.07.23	07.11.23
Closing date:	27.01.23	07.04.23	14.07.23	17.11.23

Bacteriology (5 Samples)



Schlüter / Ziesing

412

Samples: 5 samples
 Sample properties: Lyophilised
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Cultivation, identification and susceptibility testing of:
 bacteria
 Gram staining

Participants in the EQA schemes in bacteriology will get a certificate for Gram staining when successful in this part.

Additional participation in EQA scheme No. 413 'Gram Stain' is not required.

Participants will be notified in advance in case the panel of tested antibiotics will be changed.

Ampicillin	Cefotaxim	Ceftazidim
Cefuroxim	Ciprofloxacin	Erythromycin
Gentamicin High Level	Meropenem	Levofloxacin
Linezolid	Oxacillin	Penicillin
Piperacillin/Tazobactam	Trimethoprim/Sulfamethoxazol	Tobramycin
Vancomycin		

	Feb. (1)	Sep. (5)
Registration deadline:	09.12.22	07.07.23
Sample shipment:	07.02.23	05.09.23
Closing date:	17.02.23	15.09.23

Samples: 3 samples
Sample properties: Slides
Shipping Information: Shipping at ambient temperature
Certificate validity: 12 months

Gram staining

Participants of the EQA schemes in bacteriology No. 411 or 412 will get a certificate for gram staining if they are successful in this part.

	Mar. (2)	Oct. (6)
Registration deadline:	13.01.23	11.08.23
Sample shipment:	14.03.23	10.10.23
Closing date:	24.03.23	20.10.23

Infection Serology – *Bordetella pertussis* Antibodies

Hunfeld / N.N.

317

Samples: 2 samples of 0.2 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 24 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
 A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

IgG (qualitative)	IgG (semiquantitative)
IgA (qualitative)	IgM (qualitative)
AB against <i>Bordetella pertussis</i> polyvalent (qualitative)	
AB against <i>Bordetella pertussis</i> polyvalent (semiquantitative)	
Diagnostic comment	

Nov. (6)

Registration deadline:	25.08.23
Sample shipment:	24.10.23
Closing date:	10.11.23

Infection Serology – *Borrelia burgdorferi* Antibodies

Hunfeld / N.N.

332

Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
 A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

Antikörper polyvalent (qualitative)	Antikörper polyvalent (semiquantitative)
IgG (qualitative)	IgG (semiquantitative)
IgM (qualitative)	IgM (semiquantitative)
Antikörper polyvalent – Blot	IgG-Blot
IgM-Blot	AB against <i>Treponema pallidum</i> (qualitative)
Diagnostic comment	

June (3)

Nov. (6)

Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Infection Serology – *Campylobacter* Antibodies

Hunfeld / N.N.

319

Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
 A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

Antibodies against campylobacter			
IgG (qualitative)	IgG (semiquantitative)	IgA (qual)	IgA (semiquant)
IgA (semiquant)	IgM (qualitative)	IgM (semiquantitative)	Diagnostic comment

June (3)

Registration deadline:	24.03.23
Sample shipment:	23.05.23
Closing date:	09.06.23

Infection Serology – Chlamydia pneumoniae (Chlamydophila) Antibodies

Hunfeld / N.N.

314

Samples: 2 samples of 0.4 ml
Sample properties: Serum
Shipping Information: Shipping at ambient temperature
Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

IgG (qualitative)	IgG (semiquantitative)
IgA (qualitative)	IgA (semiquantitative)
IgM (qualitative)	IgM (semiquantitative)
AB against Chlamydia pneumoniae polyvalent (qualitative)	
AB against Chlamydia pneumoniae polyvalent (semiquantitative)	
Diagnostic comment	

	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Infection Serology – Chlamydia trachomatis Antibodies

Hunfeld / N.N.

312

Samples: 2 samples of 0.2 ml
Sample properties: Serum
Shipping Information: Shipping at ambient temperature
Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

IgG (qualitative)	IgG (semiquantitative)	IgA (qualitative)	IgA (semiquantitative)
IgM (qualitative)		IgM (semiquantitative)	
AB against Chlamydia trachomatis polyvalent (qualitative)			
AB against Chlamydia trachomatis polyvalent (semiquantitative)			
Diagnostic comment			

	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Infection Serology – Chlamydia trachomatis Direct Detection (ELISA / PCR)



Hunfeld / N.N.

313

Samples: 2 samples of 0.2 ml
Sample properties: Urine
Shipping Information: Shipping at ambient temperature
Certificate validity: 12 months

Direct detection of Chlamydia trachomatis antigen (ELISA, PCR)

Diagnostic comment

	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Samples: 2 slides
 Sample properties: Slides
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Direct detection of Chlamydia trachomatis antigen (dir. IFA)

Diagnostic comment

	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Infection Serology – Coxiella burnetii Antibodies

Hunfeld / N.N.

325

Samples: 2 samples of 0.3 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 24 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.

A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

AB against Coxiella burnetii – Phase I (qualitative)
 AB against Coxiella burnetii – Phase I (semiquantitative)
 AB against Coxiella burnetii – Phase II (qualitative)
 AB against Coxiella burnetii – Phase II (semiquantitative)
 AB against Coxiella burnetii IgG – Phase I (qualitative)
 AB against Coxiella burnetii IgG – Phase I (semiquantitative)
 AB against Coxiella burnetii IgG – Phase II (qualitative)
 AB against Coxiella burnetii IgG – Phase II (semiquantitative)
 IgA (qualitative)
 IgM (qualitative)
 Diagnostic comment

	Nov. (6)
Registration deadline:	25.08.23
Sample shipment:	24.10.23
Closing date:	10.11.23

Infection Serology – Diphtheria Toxoid Antibodies

Hunfeld / N.N.

318

Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

AB against Diphtherie toxoid (qualitative)
 AB against Diphtherie toxoid (semiquantitative)
 Diagnostic comment

	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Samples: 2 samples of 0.4 ml

Sample properties: Serum

Shipping Information: Shipping at ambient temperature

Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.

A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

IgG (qualitative)

IgG (semiquantitative)

IgA (qualitative)

IgA (semiquantitative)

Diagnostic comment

June (3)

Nov. (6)

Registration deadline:

24.03.23

25.08.23

Sample shipment:

23.05.23

24.10.23

Closing date:

09.06.23

10.11.23

Infection Serology – *Mycoplasma pneumoniae* Antibodies

Hunfeld / N.N.

324

Samples: 2 samples of 0.3 ml

Sample properties: Serum

Shipping Information: Shipping at ambient temperature

Certificate validity: 24 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.

A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

IgG (qualitative)

IgG (semiquantitative)

IgA (qualitative)

IgM (qualitative)

AB against *Mycoplasma pneumoniae* polyvalent (qualitative)

AB against *Mycoplasma pneumoniae* polyvalent (semiquantitative)

Diagnostic comment

Nov. (6)

Registration deadline:

25.08.23

Sample shipment:

24.10.23

Closing date:

10.11.23

Infection Serology – Procalcitonin

Hunfeld / N.N.

320

Samples: 2 samples of 0.4 ml

Sample properties: Serum

Shipping Information: Shipping at ambient temperature

Certificate validity: 12 months

Procalcitonin (qualitative)

Procalcitonin (semi-quantitative)

Procalcitonin (quantitative)

Diagnostic comments

June (3)

Nov. (6)

Registration deadline:

24.03.23

25.08.23

Sample shipment:

23.05.23

24.10.23

Closing date:

09.06.23

10.11.23

Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 6 months

Rheumatoid factor (RF) (qualitative)
 Rheumatoid factor (RF) (semi-quantitative)

	Jan. (1)	June (3)	Sep. (5)	Nov. (6)
Registration deadline:	18.11.22	24.03.23	23.06.23	25.08.23
Sample shipment:	10.01.23	23.05.23	22.08.23	24.10.23
Closing date:	27.01.23	09.06.23	08.09.23	10.11.23

Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

AB against Salmonella typhi, O-Antigen (qualitative)
 AB against Salmonella typhi, O-Antigen (semiquantitative)
 AB against Salmonella typhi, OH-Antigen (qualitative)
 AB against Salmonella typhi, OH-Antigen (semiquantitative)
 AB against Salmonella enteritidis, OH-Antigen (qualitative)
 AB against Salmonella enteritidis, OH-Antigen (semiquantitative)
 AB against Salmonella typhimurium, OH-Antigen (qualitative)
 AB against Salmonella paratyphi B, OH-Antigen (qualitative)
 AB against Salmonella paratyphi B, OH-Antigen (semiquantitative)
 AB against Salmonella Gruppe A, O-Antigen (qualitative)
 AB against Salmonella Gruppe A, O-Antigen (semiquantitative)
 AB against Salmonella Gruppe B, O-Antigen (qualitative)
 AB against Salmonella Gruppe B, O-Antigen (semiquantitative)
 AB against Salmonella Gruppe C, O-Antigen (qualitative)
 AB against Salmonella Gruppe C, O-Antigen (semiquantitative)
 AB against Salmonella polyvalent (qualitative)
 AB against Salmonella IgA (qualitative)
 Diagnostic comment

	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

anti-streptolysin O (ASO) (qualitative)
 anti-streptolysin O (ASO) (semi-quantitative)
 anti-streptodornase (aDNase) (qualitative)
 anti-streptodornase (aDNase) (semi-quantitative)

	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

AB against Tetanus toxoid (qualitative)
 Diagnostic comment

AB against Tetanus toxoid (semiquantitative)

	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Infection Serology – Treponema pallidum Antibodies

Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months / 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
 A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

TPHA (qualitative)
 TPPA (qualitative)
 Antibodies against Treponema pallidum
 IgG (semiquantitative)
 IgG – Immunoblot
 FTA-Abs IgG (qualitative)
 FTA-Abs IgM (qualitative)
 AB against Cardiolipin (qualitative)
 Diagnostic comment

TPHA (semiquantitative)
 TPPA (semiquantitative)
 IgG (qualitative)
 IgM (qualitative)
 IgM – Immunoblot
 FTA-Abs IgG (semiquantitative)
 FTA-Abs IgM (semiquantitative)
 AB against Cardiolipin (semiquantitative)

	June (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	09.06.23	10.11.23

Infection Serology – Yersinia Antibodies

Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
 A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

AB against Yersinia enterocolitica O3 (qualitative)
 AB against Yersinia enterocolitica O3 (semiquantitative)
 AB against Yersinia enterocolitica O9 (qualitative)
 AB against Yersinia enterocolitica O9 (semiquantitative)
 AB against Yersinia pseudotuberculosis (qualitative)
 AB against Yersinia pseudotuberculosis (semiquantitative)
 IgG (qualitative)
 IgA (qualitative)
 Diagnostic comment

IgG (semiquantitative)
 IgM (qualitative)

	June (3)
Registration deadline:	24.03.23
Sample shipment:	23.05.23
Closing date:	09.06.23

Mycology 01 (Mucorales, Yeasts, Coelomycetes, Hyphomycetes, Basidiomycetes)Haase / Geißdörfer /
Schoerner

490

Samples: 5 samples
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Cultivation and species identification of fungi (yeasts, yeast-like fungi, hyphomycetes) occurring as the causative organism in case of mycosis of the mucosa, mycosis of the organs (deep-seated mycosis), systemic mycosis or mycosis acquired after trauma, as well as fungal contaminants present in human specimens. Furthermore, interpretation of the result should be performed (to some extent) within the framework of the provided information.

	Feb. (1)	Oct. (5)
Registration deadline:	18.11.22	21.07.23
Sample shipment:	17.01.23	19.09.23
Closing date:	10.02.23	13.10.23

Mycology 02 (Dermatophytes, Yeasts, Mould Fungus)

Gräser / Nenoff / Haase

491

Samples: 4 samples
 Sample properties: Living cultures
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Differentiation of Dermatophytes, Yeasts and Moulds

Living strains of causative agents or contaminants will be sent, that had been isolated from patients with skin mycoses or mucosal fungal infections.

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	14.07.23
Sample shipment:	14.03.23	12.09.23
Closing date:	28.04.23	27.10.23

Samples: 2 samples

Sample properties: Serum

Shipping Information: Shipping at ambient temperature

Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.

A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

Candida IgA
Candida antigen

Candida IgG
Candida total AB

Candida IgM

Feb. (1)

Oct. (5)

Registration deadline:

18.11.22

21.07.23

Sample shipment:

17.01.23

19.09.23

Closing date:

03.02.23

06.10.23

Mycoserology 02 – Cryptococcus neoformans/ – gattii Antigen



Rickerts / Wilmes

481

Samples: 2 samples

Sample properties: Serum or CSF

Shipping Information: Shipping at ambient temperature

Certificate validity: 12 months

Detection of *Cryptococcus neoformans* / *Cryptococcus gattii* Antigen

Feb. (1)

Oct. (5)

Registration deadline:

18.11.22

21.07.23

Sample shipment:

17.01.23

19.09.23

Closing date:

03.02.23

06.10.23

Detection of Toxoplasma DNA (PCR)

Hörauf / Hübner

457

Samples: 4 samples
 Sample properties: Stabilized amniotic fluid (and/or EDTA blood), buffer
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Toxoplasma gondii (DNA) – qualitative

	Mar. (2)	Sep. (5)
Registration deadline:	06.01.23	23.06.23
Sample shipment:	28.02.23	22.08.23
Closing date:	17.03.23	08.09.23

Parasite Microscopy (Blood)

Tannich / N.N. / Hörauf / Hübner

456

Samples: 2 samples
 Sample properties: Thin blood smear and/or thick blood smear
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Blood parasites – specification

In March and September: Prof. Hörauf, Bonn; in May and October: Prof. Tannich, Hamburg

	Mar. (2)	May (3)	Sep. (5)	Oct. (6)
Registration deadline:	06.01.23	03.03.23	23.06.23	11.08.23
Sample shipment:	28.02.23	02.05.23	22.08.23	10.10.23
Closing date:	17.03.23	19.05.23	08.09.23	27.10.23

Parasite Microscopy (Stool)

Tannich / N.N.

451

Samples: 2 samples
 Sample properties: Fecal suspension or fecal smear
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Stool parasites – specification

	May (3)	Oct. (6)
Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Samples: 2 samples variable volumes
 Sample properties: Serum or plasma
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 24 months

Antibodies against Echinococcus

Antibodies against Entamoeba histolytica

Oct. (6)

Registration deadline:	11.08.23
Sample shipment:	10.10.23
Closing date:	27.10.23

Parasite Serology – Malaria and Schistosomiasis

Samples: 2 samples variable volumes
 Sample properties: Serum or plasma
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
 A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

Antibodies against Plasmodium

Antibodies against Schistosoma

May (3)

Registration deadline:	03.03.23
Sample shipment:	02.05.23
Closing date:	19.05.23

Parasite Serology – Toxoplasmosis

Samples: 2 samples variable volumes
 Sample properties: Serum or plasma
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

For certificates to be issued, all participants are expected to report (semi-) quantitative results along with qualitative results on the evaluation sheets, where requested.
 A certificate for (semi-)quantitative results, however, can only be issued if the reported results are sufficiently comparable and if an international standard has been established for diagnostics.

Antibodies against Toxoplasma gondii

May (3)

Oct. (6)

Registration deadline:	03.03.23	11.08.23
Sample shipment:	02.05.23	10.10.23
Closing date:	19.05.23	27.10.23

Fungal Genome Detection – *Pneumocystis jirovecii*

Reischl / Parcina

560

Samples: 1 set = 4 samples of 0.3 ml

Sample properties: Lyophilised

Shipping Information: Shipping at ambient temperature

Certificate validity: 12 months

Polymerase chain reaction (PCR) and other procedures for detection of specific DNA

	May (3)	Nov. (6)
Registration deadline:	24.03.23	25.08.23
Sample shipment:	23.05.23	24.10.23
Closing date:	16.06.23	17.11.23

Genome Detection of Dermatophytes



Gräser / Nenoff

492

Samples: 1 set = 4 samples

Sample properties: Lyophilised

Shipping Information: Shipping at ambient temperature

Certificate validity: 12 months

Polymerase chain reaction (PCR) and other procedures for detection of specific DNA

	Apr. (2)	Oct. (5)
Registration deadline:	13.01.23	14.07.23
Sample shipment:	14.03.23	12.09.23
Closing date:	07.04.23	06.10.23

**Mycobacteria diagnostics 01 –
Drug Susceptibility Testing of Nontuberculous Mycobacteria**


Hillemann / Andres

427

Samples: 5 samples
 Sample properties: Nontuberculous mycobacteria
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Susceptibility Testing of Nontuberculous Mycobacteria

	May (2)	Nov. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	12.05.23	03.11.23

Mycobacteriology 01 – Microscopy


Hillemann / Andres

421

Samples: 6 samples
 Sample properties: Microscopic slides
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Microscopic Detection of Mycobacteria

	Apr. (2)	Oct. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	07.04.23	29.09.23

Mycobacteriology 02 – Culture


Hillemann / Andres

422

Samples: 5 samples
 Sample properties: Sputum specimens
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Cultivation of Mycobacteria
Differentiation of tuberculosis bacteria

	June (2)	Nov. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	02.06.23	24.11.23

Samples: 5 samples
Sample properties: Mycobacterial strains
Shipping Information: Shipping at ambient temperature
Certificate validity: 12 months

Identification of Mycobacteria

	May (2)	Nov. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	12.05.23	03.11.23

Samples: 5 samples
Sample properties: Sputum specimens
Shipping Information: Shipping at ambient temperature
Certificate validity: 12 months

Nucleic Acid Amplification of Mycobacteria

	Apr. (2)	Oct. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	07.04.23	29.09.23



Samples: 5 samples
 Sample properties: Mycobacterium tuberculosis complex strains for phenotypic resistance testing (incl. second-line drugs)
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Susceptibility Testing of Tuberculosis Bacteria

Each registration for this group must confirm that the test is performed in a laboratory with security level S3 and with appropriately qualified personnel.

	May (2)	Nov. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	12.05.23	03.11.23



Samples: 5 samples
 Sample properties: Mycobacterium tuberculosis complex strains for molecular resistance testing
 Shipping Information: Shipping at ambient temperature
 Certificate validity: 12 months

Susceptibility Testing of Tuberculosis Bacteria

	Apr. (2)	Oct. (5)
Registration deadline:	20.01.23	14.07.23
Sample shipment:	21.03.23	12.09.23
Closing date:	28.04.23	20.10.23

INFORMATION ON VIRUS DIAGNOSTICS

The INSTAND EQA schemes in virology are carried out in scientific cooperation with the Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten (DVV e.V.), Gesellschaft für Virologie (GfV e.V.) and Deutsche Gesellschaft für Hygiene und Mikrobiologie (DGHM e.V.). Cooperation partners are amongst others: Laboratories participating in the Joint Diagnostic Council of DVV and GfV, Robert Koch-Institut, Paul-Ehrlich-Institut, Friedrich-Loeffler-Institut, Bernhard-Nocht-Institut, Reference Laboratories incl. National and International Reference Centers and National Consiliary Laboratories and Blood Transfusion Service of German Red Cross (DRK-Blutspendedienst Ost). INSTAND expert laboratories are involved in the precharacterization of the EQA samples and are available with their expertise to help solve any problems that may arise during the evaluation of the respective EQA programs.

Information for 2023:

(for details please see www.instand-ev.de -> EQAS and EQAS Online)

General remarks on the INSTAND EQA schemes in virus diagnostics

Please note that the samples of the respective EQA scheme are suitable for applying more than one method for the corresponding parameter.

Example: EQA scheme "Virus Immunology - HIV-1 / HIV-2 (335)" - The 4 samples of the sample set of the EQA scheme (335) can be analyzed on virus specific antibodies by different methods such as ELISA, ChLIA and other methods. The results of the respective method should be stated for all 4 samples of the sample set. The results reported for the different methods will be displayed in the participation document "listing and evaluation of the results".

EQA schemes for SARS-CoV-2 diagnostics in 2023

In coordination with the Joint Diagnostic Council of DVV and GfV, INSTAND has introduced the following EQA schemes for SARS-CoV-2 diagnostics.

(416) Virus Immunology – SARS-CoV-2 (Ab)

The participants receive defined sample panels with sera from whole blood or with patient plasma (not recalcified). Each panel member contains patient serum or patient plasma from one individual donor only.

(340) Virus Genome Detection – Coronaviruses incl. SARS-CoV-2 (with variants of concern)

Participating at this EQA scheme gives the option for differentiation between SARS-CoV-2, MERS CoV and other human coronaviruses (samples which contain the SARS-CoV-2 and MERS CoV, respectively, are inactivated).

(409) Virus Genome Detection – SARS-CoV-2 (with variants of concern)

For laboratories that only carry out genome detection of SARS-CoV-2, INSTAND e.V. offers the EQA 409.

(417) Virus Genome Detection – SARS-CoV-2 VOC Analysis

This EQA scheme is used for the determination and differentiation of SARS-CoV-2 Variants of Concern (VOC) by sequencing or point mutation analysis.

(431) Virus genome detection – respiratory virus panel 1 for multiplex tests

(432) Virus genome detection – respiratory virus panel 2 for multiplex tests

The EQA schemes for virus genome detection of respiratory viruses for multiplex tests, virus panel 1 (431) and virus panel 2 (432), will additionally contain SARS-CoV-2 (inactivated).

(410) Virus Antigen Detection – SARS-CoV-2 (Ag)

This EQA scheme is suitable for rapid tests or automated immunoassays for the detection of SARS-CoV-2 antigen.

EQA scheme for monkeypox virus diagnostic in 2023

Based on the experience of the first INSTAND EQA scheme for monkeypox virus genome detection in September 2022 and depending on the epidemiological progress of monkeypox virus infections, INSTAND is prepared to perform these EQA schemes in 2023, if necessary. Information on this will be communicated on the INSTAND homepage in due course.

Virus Antigen Detection – SARS-CoV-2 (Ag)



Zeichhardt / Kammel

410

Samples: 5 samples of 0.5 ml
 Sample properties: Lyophilized cell culture supernatants
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

The sample set contains defined samples with antigen from SARS-CoV-2 (inactivated) and, if necessary, samples with antigen from human coronaviruses (not inactivated, risk group 2).

The samples are suitable for rapid tests and automated immunoassays for the detection of SARS-CoV-2 antigen.

Cooperation with:
 Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Detection (Genome/Antigen) –
Influenza A and B Viruses incl. Avian Influenza A Viruses

Zeichhardt / Kammel

370

Samples: 6 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates and allantoic fluids, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

This program may be completed with currently circulating influenza viruses.

Please note: these EQA samples are not suitable for virus propagation and immune fluorescence tests for antigen detection. Some of the samples can contain chemically inactivated avian influenza A viruses.

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for influenza A and B viruses and antigen testing
 Option for typing of seasonal and avian influenza A viruses

Cooperation with:
 Nationales Referenzzentrum für Influenza, Robert Koch-Institut, Berlin;
 Friedrich-Loeffler-Institut, Bundesforschungsinstitut für Tiergesundheit,
 Nationales Referenzlabor für Aviäre Influenza, Insel Riems

Note for laboratories from non-EU countries:

The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!

Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.

	Mar. (2)	Nov. (6)
Registration deadline:	13.01.23	08.09.23
Sample shipment:	14.03.23	07.11.23
Closing date:	31.03.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for RSV RNA and RSV antigen testing

Cooperation with:
 Institut für Virologie und Immunbiologie, Universität Würzburg;
 Institut für Virologie, Universitätsklinikum Düsseldorf;
 Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren, Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Virus Genome Detection – Adenoviruses



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for adenovirus DNA
 Determination of species of adenovirus
 Typing of adenovirus

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Virus Genome Detection – BK Virus



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma and suspensions of urine, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for BK virus DNA

Cooperation with:
 Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23

Samples: 4 samples of 1.1 ml* or 0.5 ml**

Sample properties: *Lyophilised cell culture lysates (inactivated) or ** lyophilised RNA eluate

Shipping information: Shipping at ambient temperature

Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Bornaviruses – RNA

Cooperation with:

Friedrich-Loeffler-Institut, Bundesforschungsinstitut für Tiergesundheit, Institut für Virusdiagnostik, Insel Riems

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Virus Genome Detection – Chikungunya Virus

Zeichhardt / Kammel

392

Samples: 4 samples of 1.1 ml

Sample properties: Lyophilised plasma and cell culture lysates, respectively (inactivated)

Shipping information: Shipping at ambient temperature

Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CHIKV RNA

Cooperation with:

WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research

Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

Note for laboratories from non-EU countries:

The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!

Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23

Samples: 6 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for SARS-CoV-2-RNA, MERS-CoV-RNA and other human coronavirus RNA

Option for differentiation between SARS-CoV-2, MERS-CoV and other human coronaviruses (samples which contain SARS-CoV-2 and MERS-CoV, respectively, are inactivated)

Cooperation with:
 Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

Note for laboratories from non-EU countries:

The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!

Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma and cell culture lysates, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CMV DNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Genome Detection – Cytomegalovirus Program 2 – additional Training Program (can only be ordered with program 365)



Zeichhardt / Kammel

368

Samples: 4 samples of 1.1 ml
Sample properties: Lyophilised plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for CMV DNA

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (368) can only be ordered together with the corresponding main EQA scheme (365) for March.

Separate certificates will be issued for the training program (368) and the main EQA scheme (365, subject to RiliBÄK-B3).

Cooperation with:
Nationale Konsiliarlabore für Cytomegalievirus (CMV):
Institut für Virologie, Universitätsklinikum Ulm;
Institut für Medizinische Virologie und Epidemiologie der Viruskrankheiten, Universitätsklinikum Tübingen

Mar. (2)

Registration deadline: 13.01.23
Sample shipment: 14.03.23
Closing date: 31.03.23

Virus Genome Detection – Cytomegalovirus Resistance Determination



Zeichhardt / Kammel

349

Samples: 4 samples of 1.1 ml
Sample properties: Lyophilised plasma and cell culture lysates, respectively
Shipping information: Shipping at ambient temperature
Certificate validity: 24 months

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for CMV resistance determination

Cooperation with:
Nationale Konsiliarlabore für Cytomegalievirus (CMV):
Institut für Virologie, Universitätsklinikum Ulm;
Institut für Medizinische Virologie und Epidemiologie der Viruskrankheiten, Universitätsklinikum Tübingen

Oct. (5)

Registration deadline: 30.06.23
Sample shipment: 29.08.23
Closing date: 06.10.23

Samples: 4 samples of 1.1 ml (inactivated)
 Sample properties: Lyophilised plasma and cell culture lysates, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for denguevirus RNA
 Typing of denguevirus

Cooperation with:
 WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research
 Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23

Virus Genome Detection – Enteroviruses



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for enterovirus RNA
 Typing of enterovirus

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Virus Genome Detection – Epstein Barr Virus



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for EBV DNA

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 3 samples of 1.1 ml
Sample properties: Lyophilised suspension of feces and cell culture lysates, respectively
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of gastrointestinal adeno, astro, entero, noro, parecho, rota and sapoviruses, respectively.

This program will be completed with currently circulating virus variants.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

This EQA scheme will contain each of the above-mentioned pathogens at least once a year.
It is recommended to participate at both EQA scheme terms.

Please note:

Only results of multiplex tests will be accepted for EQA scheme 430

This multiplex EQA scheme is not suitable for (i) 'singleplex' PCRs, (ii) tests for antigen detection, (iii) testing of sensitivity and (iv) typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Virus Genome Detection – Hepatitis A Virus

Samples: 4 samples of 1.1 ml
Sample properties: Lyophilised plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HAV RNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Genome Detection – Hepatitis B Virus Genotyping

Samples: 4 samples of 1.1 ml
Sample properties: Lyophilised plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 24 months

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) incl. sequencing for HBV genotyping

Cooperation with:
Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus,
Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen;
WHO Collaborating Centre for Blood Products and IVD-Devices, Paul-Ehrlich-Institut, Langen

	Nov. (6)
Registration deadline:	08.09.23
Sample shipment:	07.11.23
Closing date:	24.11.23

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HBV DNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Genome Detection – Hepatitis B Virus Program 2 – additional Training Program (can only be ordered with program 361)

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HBV DNA

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (378) can only be ordered together with the corresponding main EQA scheme (361) for March.

Separate certificates will be issued for the training program (378) and the main EQA scheme (361, subject to RiliBÄK-B3).

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus,
 Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen

	Mar. (2)
Registration deadline:	13.01.23
Sample shipment:	14.03.23
Closing date:	31.03.23

Virus Genome Detection – Hepatitis B Virus Resistance Determination

Samples: 4 samples à 0,1ml* or 1,1ml**
 Sample properties: *Plasmids in water and **lyophilised plasma, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HBV resistance determination

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus,
 Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen

	Oct. (5)
Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	06.10.23



Samples: 3-4 samples of 1.1 ml
 Sample properties: Lyophilised sera and plasma, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV geno- and subtype differentiation

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-C-Viren, Institut für Virologie, Universitätsklinikum Düsseldorf;
 Medizinisches Infektiologiezentrum Berlin;
 Institut für Virologie, Universitätsklinikum Essen

Sep. (5)

Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	15.09.23

Virus Genome Detection – Hepatitis C Virus Program 1



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV RNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Genome Detection – Hepatitis C Virus Program 2 – additional Training Program (can only be ordered with program 362)



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HCV RNA

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (379) can only be ordered together with the corresponding main EQA scheme (362) for March.

Separate certificates will be issued for the training program (379) and the main EQA scheme (362, subject to RiliBÄK-B3).

Cooperation with:
 Nationales Referenzzentrum für Hepatitis-C-Viren, Institut für Virologie, Universitätsklinikum Düsseldorf;
 Institut für Virologie, Universitätsklinikum Essen

Mar. (2)

Registration deadline:	13.01.23
Sample shipment:	14.03.23
Closing date:	31.03.23

Virus Genome Detection – Hepatitis C Virus Resistance Determination



Zeichhardt / Kammel

399

Samples: 2-3 samples of 0.5 ml
Sample properties: Sera and plasma, respectively (non-lyophilized)
Shipping information: Shipping at ambient temperature
Certificate validity: 24 months

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HCV resistance determination

Cooperation with:
Nationales Referenzzentrum für Hepatitis-C-Viren, Institut für Virologie, Universitätsklinikum Düsseldorf;
Medizinisches Infektiologiezentrum Berlin;
Institut für Virologie, Universitätsklinikum Essen

Oct. (5)

Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	06.10.23

Virus Genome Detection – Hepatitis D Virus



Zeichhardt / Kammel

400

Samples: 4 samples of 1.1 ml
Sample properties: Lyophilised plasma
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HDV RNA

Cooperation with:
Nationales Referenzzentrum für Hepatitis-B-Virus und Hepatitis-D-Virus, Institut für Medizinische Virologie, Justus-Liebig-Universität Gießen;
WHO Collaborating Centre for Blood Products and IVD-Devices, Paul-Ehrlich-Institut, Langen

Mar. (2)

Sep. (5)

Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23

Virus Genome Detection – Hepatitis E Virus



Zeichhardt / Kammel

380

Samples: 4 samples of 1.1 ml
Sample properties: Lyophilised sera, plasma and suspension of feces, respectively
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HEV RNA

Cooperation with:
Nationales Konsiliarlabor für Hepatitis-A-Virus (HAV) und Hepatitis-E-Virus (HEV), Institut für Medizinische Mikrobiologie und Hygiene, Universität Regensburg

Mar. (2)

June (4)

Sep. (5)

Nov. (6)

Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23



Samples: 6 samples of 1.1 ml
 Sample properties: Lyophilised plasma and cell culture lysates, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for differentiation of HSV 1 and HSV 2 DNA

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Virus Genome Detection – HIV-1 (RNA) Program 2 – additional Training Program (can only be ordered with program 360)



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-1 (RNA)

The training samples will contain virus concentrations which fall outside the requirements of the specified RiliBÄK section B3.

The training program (382) can only be ordered together with the corresponding main EQA scheme (360) for March.

Separate certificates will be issued for the training program (382) and the main EQA scheme (360, subject to RiliBÄK-B3).

Cooperation with:
 Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

	Mar. (2)
Registration deadline:	13.01.23
Sample shipment:	14.03.23
Closing date:	31.03.23

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-1 (RNA)

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Genome Detection – HIV-1 Drug Resistance Determination – Standard Program for Protease and Reverse Transcriptase Inhibitors

Samples: 4 samples of 1.1 ml* or 0,1ml**
 Sample properties: *Plasma and **Plasmids in water, respectively (non-lyophilized)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Please note: The samples will contain plasmids and heat-inactivated cell culture supernatant viruses respectively!

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HIV-1 drug resistance determination of protease inhibitors and reverse transcriptase inhibitors

Cooperation with:
 Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
 IMD Labor Frankfurt;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main;
 Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen;
 Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln;
 Medizinisches Infektiologiezentrum Berlin

	Oct. (5)
Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	06.10.23

Virus Genome Detection – HIV-1 Drug Resistance Determination – additional Program for Integrase Inhibitors and Tropism Determination

Samples: 2 samples of 1.1 ml
 Sample properties: Plasma (non-lyophilised)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Please note: The samples will contain heat-inactivated cell culture supernatant viruses!

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and sequencing for HIV-1 drug resistance determination of integrase inhibitors and determination of tropism

Cooperation with:
 Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
 IMD Labor Frankfurt;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main;
 Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen;
 Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln;
 Medizinisches Infektiologiezentrum Berlin

	Oct. (5)
Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	06.10.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma and sera, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HIV-2 (RNA)

Cooperation with:
 Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human herpesvirus 6 (HHV-6) – DNA

Cooperation with:
 Institut für Virologie, Universitätsklinikum Düsseldorf

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human herpesvirus 8 (HHV-8) – DNA

Cooperation with:
 Institut für Virologie, Medizinische Hochschule Hannover

	Mar. (2)
Registration deadline:	13.01.23
Sample shipment:	14.03.23
Closing date:	31.03.23

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for human metapneumovirus RNA

Cooperation with:
 Institut für Virologie, Universitätsklinikum Düsseldorf;
 Institut für Virologie und Immunbiologie, Universität Würzburg;
 Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren,
 Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 5 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates and biopsy materials, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR), other nucleic acid amplification techniques (NAT) and hybridization for HPV DNA

Differentiation of 'high risk' and 'low risk' types, and typing of 'high risk' HPV and 'low risk' HPV

Cooperation with:
 Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for HRV RNA
 Typing of human rhinovirus

Cooperation with:
 Institut für Virologie, Universitätsklinikum Düsseldorf;
 Institut für Virologie und Immunbiologie, Universität Würzburg;
 Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren,
 Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma and suspensions of urine, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for JC virus DNA

Cooperation with:
 Nationales Referenzzentrum für Papillom- und Polyomaviren, Institut für Virologie, Uniklinik Köln

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for measles virus RNA
 Typing of measles virus

Cooperation with:
 Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin

	July (4)	Dec. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	14.07.23	08.12.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for mumps virus RNA
 Typing of mumps virus

Cooperation with:
 Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin;
 Institut für Virologie, Universität Leipzig

	July (4)	Dec. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	14.07.23	08.12.23

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised suspension of feces
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for norovirus RNA with the option for differentiation in genogroup I and II

Cooperation with:
 Nationales Konsiliarlabor für Noroviren, Robert Koch-Institut, Berlin;
 Nationales Konsiliarlabor für Hepatitis-A-Virus (HAV) und Hepatitis-E-Virus (HEV),
 Institut für Medizinische Mikrobiologie und Hygiene, Universität Regensburg;
 Institut für Virologie, Medizinische Hochschule Hannover

	Mar. (2)	Nov. (6)
Registration deadline:	13.01.23	08.09.23
Sample shipment:	14.03.23	07.11.23
Closing date:	31.03.23	24.11.23

Virus Genome Detection – Panel for Viral Meningitis / Encephalitis for Multiplex Tests

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of adenoviruses, cytomegalovirus, enteroviruses, Epstein Barr virus, herpes simplex virus type 1, herpes simplex virus type 2, human herpesvirus 6, parechovirus and varicella zoster virus, respectively.

This program will be completed with currently circulating virus variants.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

This EQA scheme will contain each of the above-mentioned pathogens at least once a year.
 It is recommended to participate at both EQA scheme terms.

Please note:
Only results of multiplex tests will be accepted for EQA scheme 433

This multiplex EQA scheme is not suitable for (i) 'singleplex' PCRs, (ii) tests for antigen detection, (iii) testing of sensitivity and (iv) typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for parainfluenza virus RNA
 Typing of parainfluenza virus

Cooperation with:
 Institut für Virologie, Universitätsklinikum Düsseldorf;
 Institut für Virologie und Immunbiologie, Universität Würzburg;
 Nationales Konsiliarlabor für respiratorische Syncytialviren (RSV), Parainfluenzaviren, Metapneumoviren,
 Robert Koch-Institut, Berlin

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Parechovirus (RNA)

Cooperation with:
 Nationales Referenzzentrum für Poliomyelitis und Enteroviren, Robert Koch-Institut, Berlin

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for parvovirus B19 DNA

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Genome Detection – Rabies Virus (Tollwutvirus)

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised samples (inactivated, vaccine)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rabies virus RNA

Cooperation with:
 Nationales Konsiliarlaboratorium für Tollwut, Institut für Virologie, Universitätsklinikum Essen

Note for laboratories from non-EU countries:

The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!

Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.

	Sep. (5)
Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	15.09.23

Samples: 4 samples of 1.1 ml
Sample properties: Lyophilised cell culture lysates
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of respiratory adeno, boca, corona, entero, human metapneumo, human rhino, influenza A and B viruses incl. avian influenza A viruses, parecho, parainfluenza, respiratory syncytial viruses (groups A and B) and SARS-CoV-2 (inactivated), respectively.

This program will be completed with currently circulating virus variants.

Some of the samples can contain chemically inactivated avian influenza A viruses.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

This EQA scheme will contain each of the above-mentioned pathogens at least once a year.
It is recommended to participate at both EQA scheme terms.

Please note:

Only results of multiplex tests will be accepted for EQA scheme 431

This multiplex EQA scheme is not suitable for (i) 'singleplex' PCRs, (ii) tests for antigen detection, (iii) testing of sensitivity and (iv) typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

Note for laboratories from non-EU countries:

The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!

Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 4 samples of 1.1 ml
Sample properties: Lyophilised cell culture lysates
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for simultaneous qualitative detection of influenza A and B viruses incl. avian influenza A viruses, respiratory syncytial viruses (groups A and B) and SARS-CoV-2 (inactivated).

This program will be completed with currently circulating virus variants.

Some of the samples can contain chemically inactivated avian influenza A viruses.

The requirements of the RiliBÄK (Guidelines of the German Medical Association on quality assurance in medical laboratory testing / Bundesärztekammer) will be considered for the detection of the above-mentioned pathogens.

Please note:

Only results of multiplex tests will be accepted for EQA scheme 432

This multiplex EQA scheme is not suitable for (i) 'singleplex' PCRs, (ii) tests for antigen detection, (iii) testing of sensitivity and (iv) typing. For this purpose, we refer to the INSTAND EQA schemes for the corresponding viruses.

Note for laboratories from non-EU countries:

The shipment of sample materials for participation in this EQA scheme is subject to a release by the Federal Office of Economic Affairs and Export Control according to the EU Dual-Use Regulation (VO (EU) 2021/821) for sample recipients in non-EU countries. INSTAND e.V. can only process EQA scheme orders from non-EU countries if the ordering laboratories provide a completed end-use certificate, company profile including contact details (e.g. excerpt from website) and, if applicable, an import permit!

Failure to provide completed documents by the ordering deadline will unfortunately lead to the cancellation of your registration.

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised suspension of feces
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rotavirus RNA
 Typing of rotavirus

Cooperation with:
 Nationales Konsiliarlabor für Rotaviren, Robert Koch-Institut, Berlin

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised cell culture lysates
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for rubella virus RNA
 Typing of rubella virus

Cooperation with:
 Nationales Referenzzentrum für Masern, Mumps, Röteln, Robert Koch-Institut, Berlin

	July (4)	Dec. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	14.07.23	08.12.23



Samples: 5 samples of 1.1 ml
 Sample properties: Lyophilised cell culture supernatants
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

The sample set contains defined samples with SARS-CoV-2 (full virus, inactivated) and, if necessary, samples with human coronaviruses (not inactivated, risk group 2).

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for SARS-CoV-2

Cooperation with:
 Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Samples: 3-5 samples of 1.1 ml
 Sample properties: Lyophilized cell culture supernatants (inactivated)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Determination and differentiation of SARS-CoV-2 Variants of Concern (VOC) by sequencing or point mutation analysis

Cooperation with:
 Nationales Konsiliarlabor für Coronaviren, Institut für Virologie, Charité – Universitätsmedizin Berlin;
 Medizinisches Infektiologiezentrum Berlin;
 Institut für Medizinische Virologie, Uniklinikum Frankfurt am Main;
 Abt. Methodenentwicklung und Forschungsinfrastruktur, Robert Koch-Institut, Berlin

	Apr. (2)	July (4)	Sep. (5)	Dec. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	14.04.23	14.07.23	29.09.23	08.12.23

Virus Genome Detection – Torque Teno Virus (TTV)



Zeichhardt / Kammel

408

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Torque teno virus (TTV) DNA

Cooperation with:
 Institut für Virologie, Uniklinik Köln

	Sep. (5)
Registration deadline:	30.06.23
Sample shipment:	29.08.23
Closing date:	15.09.23

Virus Genome Detection – Varicella Zoster Virus



Zeichhardt / Kammel

366

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma and cell culture lysates, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for VZV DNA

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 6 samples of 1.1 ml
 Sample properties: Lyophilised plasma and cell culture lysates, respectively (inactivated)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for West Nile virus RNA

Typing of West Nile virus (Lineage determination)

Cooperation with:

WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research

Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Genome Detection – Zika Virus

Samples: 4 samples of 1.1 ml
 Sample properties: Lyophilised plasma and cell culture lysates respectively (inactivated)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Polymerase chain reaction (PCR) and other nucleic acid amplification techniques (NAT) for Zika virus RNA

Typing of Zika virus (Lineage determination)

Cooperation with:

WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research

Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23

Virus Immunology – Borna Viruses (Ab)

Zeichhardt / Kammel

415

Samples: 10 samples of 100 µl
 Sample properties: Serum and plasma, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Anti-borna virus IgG

Cooperation with:
 WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research,
 Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

June (4)

Registration deadline: 14.04.23
 Sample shipment: 13.06.23
 Closing date: 30.06.23

Virus Immunology – Chikungunya Virus (Ab)

Zeichhardt / Kammel

402

Samples: 4 samples of 0.3 ml
 Sample properties: Serum (inactivated in case of Chikungunya virus RNA positive samples)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 24 months

Anti-CHIKV IgG Anti-CHIKV IgG – avidity Anti-CHIKV IgM

Cooperation with:
 WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research
 Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

Sep. (5)

Registration deadline: 30.06.23
 Sample shipment: 29.08.23
 Closing date: 15.09.23

Virus Immunology – Cytomegalovirus (Ab)



Zeichhardt / Kammel

351

Samples: 2 samples of 0.5 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-CMV IgG	Anti-CMV IgG – avidity	Anti-CMV IgM			
	Mar. (2)	June (4)	Sep. (5)	Nov. (6)	
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23	
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23	
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23	

Samples: 4 samples of 0.3 ml
 Sample properties: Serum (inactivated in case of dengue virus RNA positive samples)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-dengue virus IgG Anti-dengue virus IgM dengue virus-NS1 Ag
 clinical interpretation

Cooperation with:
 WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research
 Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23

Virus Immunology – Epstein Barr Virus (Ab)



Samples: 2 samples of 0.6 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Antibodies against EBV with and without differentiation of antigen specificity (incl. avidity) and heterophilic antibodies
 clinical interpretation

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Virus Immunology – Hantaviruses (Ab)

Samples: 4 samples of 0.5 ml
 Sample properties: Serum (inactivated in case of Hantavirus RNA positive samples)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Antibodies against hantaviruses (IgG and IgM) and differentiation of serotype specific antibodies
 Status of hantavirus infection

Cooperation with:
 Nationales Konsiliarlabor für Hantaviren, Charité – Universitätsmedizin Berlin, Campus Mitte, Institut für Virologie, Berlin

	Mar. (2)	Sep. (5)
Registration deadline:	13.01.23	30.06.23
Sample shipment:	14.03.23	29.08.23
Closing date:	31.03.23	15.09.23

Samples: 4 samples of 0.5 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-HAV IgG / Anti-HAV totalAnti-HAV IgM

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Immunology – Hepatitis B Virus Program 1 (HBsAg, Anti-HBs, Anti-HBc)

Samples: 12 samples
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

HBsAg (1 ml) Confirmation test HBsAg Anti-HBs (0.75 ml)
 Anti-HBc (0.75 ml)

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Virus Immunology – Hepatitis B Virus Program 2 (Anti-HBc-IgM, HBeAg, Anti-HBe)

Samples: 6 samples of 0.5 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-HBc IgM HBeAg Anti-HBe

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23



Samples: 4 samples of 0.5 ml
 Sample properties: Serum and plasma, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Screening test anti-HCV and combined detection anti-HCV and HCV antigen
 HCV antigen
 Complementary test (blot) anti-HCV

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23



Samples: 2 samples of 0.5 ml
 Sample properties: Serum and plasma, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-HDV IgG / Anti-HDV total

Anti-HDV IgM

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 2 samples of 0.4 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-HEV IgG

Anti-HEV IgM

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 2 samples of 0.5 ml
Sample properties: Serum
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Anti-HSV 1/2 IgG	Anti-HSV 1/2 IgG – avidity	Anti-HSV 1 IgG
Anti-HSV 1 IgG – avidity	Anti-HSV 2 IgG	Anti-HSV 2 IgG – avidity
Anti-HSV 1/2 IgM	Anti-HSV 1 IgM	Anti-HSV 2 IgM

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 2 samples of 0.75 ml
Sample properties: Serum
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

HIV-1 p24 Ag HIV-1 p24 Ag Confirmation test

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Samples: 4 samples of 0.75 ml
Sample properties: Serum and plasma, respectively
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Screening test anti-HIV-1 / anti-HIV-2 (3rd and 4th Generation)
Confirmation test (blot and other confirmatory test) anti-HIV-1 / anti-HIV-2
Confirmation test (blot and other confirmatory test) anti-HIV-1
Confirmation test (blot and other confirmatory test) anti-HIV-2

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23

Samples: 4 samples of 0.5 ml
 Sample properties: Serum and plasma, respectively
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Screening test anti-HTLV-1 / anti-HTLV-2
 Confirmation test (Blot and other confirmation test) anti-HTLV-1 / anti-HTLV-2

Cooperation with:
 Nationales Referenzzentrum für Retroviren, Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, München;
 Institut für Klinische und Molekulare Virologie, Uniklinikum Erlangen

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 2 samples of 0.5 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-measles virus IgG Anti-measles virus IgG – avidity Anti-measles virus IgM

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 2 samples of 0.5 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-mumps virus IgG Anti-mumps virus IgG – avidity Anti-mumps virus IgM

	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 4 samples of 0.5 ml
Sample properties: Serum and plasma, respectively
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Anti-parvovirus B19 IgG

Anti-parvovirus B19 IgG – avidity

Anti-parvovirus B19 IgM

June (4)
Nov. (6)

Registration deadline:

14.04.23

08.09.23

Sample shipment:

13.06.23

07.11.23

Closing date:

30.06.23

24.11.23

Virus Immunology – Rabies Virus (Tollwutvirus) (Ab)

Zeichhardt / Kammel

336

Samples: 2 samples of 0.5 ml
Sample properties: Serum and plasma, respectively (vaccinee)
Shipping information: Shipping at ambient temperature
Certificate validity: 24 months

Anti-rabies Virus

Cooperation with:

Nationales Konsiliarlabor für Tollwut, Institut für Virologie, Universitätsklinikum Essen

Sep. (5)

Registration deadline:

30.06.23

Sample shipment:

29.08.23

Closing date:

15.09.23

Virus Immunology – Rubella Virus (Ab)

Zeichhardt / Kammel

341

Samples: 2 samples of 0.8 ml
Sample properties: Serum
Shipping information: Shipping at ambient temperature
Certificate validity: 12 months

Anti-rubella virus IgG

Anti-rubella virus IgG – avidity

Anti-rubella virus IgM

June (4)
Nov. (6)

Registration deadline:

14.04.23

08.09.23

Sample shipment:

13.06.23

07.11.23

Closing date:

30.06.23

24.11.23

Samples: 4 samples of 0.5 ml
 Sample properties: native patient serum or patient plasma (not re-calcified)
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Each panel member contains patient serum or patient plasma from one individual donor only.

Anti-SARS-CoV-2 total (without differentiation of IgG, IgA and IgM)
 Anti-SARS-CoV-2 IgG
 Anti-SARS-CoV-2 IgG avidity
 Anti-SARS-CoV-2 IgA
 Anti-SARS-CoV-2 IgM (not certified)
 Anti-SARS-CoV-2 Surrogate neutralizing antibodies

	Mar. (2)	June (4)	Sep. (5)	Nov. (6)
Registration deadline:	13.01.23	14.04.23	30.06.23	08.09.23
Sample shipment:	14.03.23	13.06.23	29.08.23	07.11.23
Closing date:	31.03.23	30.06.23	15.09.23	24.11.23



Samples: 2 samples of 0.5 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-TBE/FSME virus IgG	Anti-TBE/FSME virus IgG – avidity	Anti-TBE/FSME virus IgM
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23



Samples: 2 samples of 0.5 ml
 Sample properties: Serum
 Shipping information: Shipping at ambient temperature
 Certificate validity: 12 months

Anti-VZV IgG	Anti-VZV IgG – avidity	Anti-VZV IgM
	June (4)	Nov. (6)
Registration deadline:	14.04.23	08.09.23
Sample shipment:	13.06.23	07.11.23
Closing date:	30.06.23	24.11.23

Samples: 2 samples of 0.3 ml Sample properties: Serum (inactivated in case of Zika virus RNA positive samples) Shipping information: Shipping at ambient temperature Certificate validity: 24 months		
Anti-ZIKV IgG	Anti-ZIKV IgG – avidity	Anti-ZIKV IgM
Cooperation with: WHO Collaborating Centre for Arbovirus and Haemorrhagic Fever Reference and Research Nationales Referenzzentrum für tropische Infektionserreger, Bernhard-Nocht-Institut für Tropenmedizin, Hamburg		
		Sep. (5)
Registration deadline:		30.06.23
Sample shipment:		29.08.23
Closing date:		15.09.23

**Herr Prof. Dr. med.
Nicolas Ahsen, von**

Zentrallaboratorien der Klinikum Bremen-Nord,
Bremen-Ost und Links der Weser
Klinikum Links der Weser
Senator-Weßling-Straße 1
28277 Bremen

T +49 421 879 4557
F +49 421 4971998101
E Nicolas.vonAhsen@gesundheitnord.de

**Frau Dr. med.
Agnes Anders**

Nationales Referenzzentrum für gramnegative
Krankenhauserreger
Abteilung für Medizinische Mikrobiologie
Ruhr-Universität Bochum
Universitätsstraße 150
44801 Bochum

T +49 234 3227 888
E agnes.anders@rub.de

**Herr Dr.
Sönke Andres**

Forschungszentrum Borstel
Nationales Referenzzentrum für Mykobakterien
Parkallee 18
23845 Borstel

T +49 4537 188 6480
F +49 4537 188 3110
E sandres@fz-borstel.de

**Herr Dr. rer. nat.
Oliver Bader**

Institut für Medizinische Mikrobiologie und Virologie
Universitätsmedizin Göttingen
Kreuzberggring 57
37075 Göttingen

T +49 551 3965403
F +49 (0)551 – 395861
E obader@gwdg.de

**Herr Dr. med.
Michael Baier**

Institut für Medizinische Mikrobiologie
Universitätsklinikum Jena
Erlanger Allee 101
07747 Jena

T +49 3641 9393 613
F +49 3641 9393 502
E michael.baier@med.uni-jena.de

**Herr Prof. Dr. med.
Hannsjoerg Baum**

Institut für Laboratoriumsmedizin und
Transfusionsmedizin
Regionale Kliniken Holding RKH GmbH
Posilipostraße 4
71640 Ludwigsburg

T +49 7141 99 65800/01
F +49 7141 99 65819
E hannsjoerg.baum@rkh-kliniken.de

**Herr Prof. Dr. med.
Gregor Bein**

Justus-Liebig-Universität Gießen
Institut für Klinische Immunologie und
Transfusionsmedizin
Langhansstraße 7
35392 Gießen

T +49 641 985 41501
F +49 641 985 41509
E gregor.bein@immunologie.med.uni-giessen.de

**Herr Dr. rer. nat.
Martin Blüthner**

MVZ Labor PD Dr. Volkmann & Kollegen
Kriegsstraße 99
76133 Karlsruhe

T +49 721 85000 225
F +49 721 85000 115
E bluethner@laborvolkmann.de

**Herr Dr. rer. nat.
Andreas Boldt**

Universitätsklinikum Leipzig AöR
Institut für Klinische Immunologie
Johannisallee 30
04103 Leipzig

T +49-341 97 25830
F +49 341 972 5828
E immunlabor@medizin.uni-leipzig.de

**Herr Dr. med. vet.
Heiner Buttler, von**

Institut für Mikrobiologie der Bundeswehr
Neuherbergstraße 11
80937 München

T +49 992692 3894
F +49 89 992692 3983
E HeinervonButtler@bundeswehr.org

**Herr Dr. rer. nat.
Morten O. Christensen**

Gerinungszentrum Rhein-Ruhr
Königstraße 13
47051 Duisburg

T +49 203 348 336 24
E morten.christensen@gzrr.de

**Frau Dr. rer. biol. hum.
Andrea Dick**

LMU Klinikum
Abteilung für Transfusionsmedizin, Zelltherapeutika
und Hämostaseologie
Elisabeth-Winterhalter-Weg 15
81377 München

T +49 89 44007 7403
F +49 89 4400 7 7411
E andrea.dick@med.uni-muenchen.de

**Herr Dr. med.
Heinz Diem**

Würmtal-Labor
Robert-Koch-Allee 7
82131 Gauting

T +49 89 8931 1539
F +49 89 8935 8837
E diem@wuermthal-labor.de

**Frau Dr. med.
Alexandra Dorn-Beineke**

HELIOS Dr. Horst Schmidt Kliniken Wiesbaden
Institut für Labordiagnostik und Hygiene
Ludwig-Erhard-Straße 100
65199 Wiesbaden

T +49 171 7840475
E dorn-beineke@instand-ev.de

**Herr Dr.
Roger Dumke**

Medizinische Fakultät der TU Dresden
Institut für Medizinische Mikrobiologie und Hygiene
Fetscherstraße 74
01307 Dresden

T +49 351 458 6577
F +49 351 458 6310
E roger.dumke@tu-dresden.de

**Herr Prof. Dr. rer. nat. Dr. med.
Jürgen Durner**

Labor Becker MVZ GbR
Führichstr. 70
81671 München

T +49 89 450 917 349
F +49 89 450 917 6349
E j.durner@labor-becker.de

**Frau Dr. ssa
Rosanna Falbo**

University Department of Laboratory Medicine
University Milano Bicocca
Piazza dell'Ateneo Nuovo, 1
20126 Milano
Italien

T +39 362-385312
F +39 362-383296
E rosanna.falbo@asst-brianza.it

**Herr Dr. rer. nat.
Manfred Falck**

INSTAND e.V.
Ublerstraße 20
40223 Düsseldorf

T +49 211 178 355 20
E falck@t-online.de

**Herr Dr. med.
Volker Fingerle**

Nationales Referenzzentrum für Borrelien
Bayerisches Landesamt für Gesundheit und
Lebensmittelsicherheit und Lebensmittelsicherheit
(LGL)
Veterinärstraße 2
85764 Oberschleißheim

T +49 9131 6808 5870
F +49 9131 6808 5197
E volker.fingerle@lgl.bayern.de

**Herr Prof. Dr. med.
Willy A. Flegel**

Chief, Laboratory Services Section
DTM/CC/NIH
Bethesda MD 20892-1184
USA

T +1 301 5947 401
F +1 301 4969 990
E bill.flegel@nih.gov

**Herr Dr. rer. nat.
Ralf-Rüdiger Flörke**

Am Lindenbruch 48
45327 Essen

T +49 160 2131 052
E r.florke@instand-ev.de

**Herr PD Dr. med.
Dimitrios Frangoulidis**

Institut für Mikrobiologie der Bundeswehr
Neuherbergstraße 11
80937 München

T +49 89 992692 3869
F +49 89 992692 3983
E dimitriosfrangoulidis@bundeswehr.org

**Herr Dr.
Roman Fried**

MQ Zürich, Universitätsspital Zürich
Institut für Klinische Chemie
Rämistrasse 100
8091 Zürich
Schweiz

T +41 44 255 3518
F +41 44 261 1283
E roman.fried@usz.ch

**Frau Dr. med.
Claudia Frömmel**

MVZ Alexianer Labor GmbH
Krausnickstraße 17
10115 Berlin

T +49 30 2311 2820
E claudia.froemmel@charite.de

**Herr Prof. Dr. med.
Winfried Gassmann**

St. Marienkrankenhaus
Medizinische Klinik III
Kampenstr. 51
57072 Siegen

T +49 271 231 1300
F +49 271 231 1309
E w.gassmann@marienkrankenhaus.com

**Herr Dr. rer. nat.
Walter Geißdörfer**

Mikrobiologisches Institut - Klinische Mikrobiologie,
Immunologie und Hygiene
Universitätsklinikum Erlangen
Wasserturmstraße 3-5
91054 Erlangen

T +49 9131 85 22668
F +49 9131 85 22117
E walter.geissdoerfer@uk-erlangen.de

**Herr Dr. med.
Christof Geisen**

DRK-Blutspendedienst
Baden-Württemberg-Hessen
Sandhofstraße 1
60528 Frankfurt am Main

T +49 69 67 82 345
F +49 69 67 82 204
E c.geisen@blutspende.de

**Herr Prof. Dr. Dr. med.
André Gessner**

Institut für Klinische Mikrobiologie und Hygiene
Universitätsklinikum Regensburg
Franz-Josef-Strauß-Allee 11
93053 Regensburg

T +49 941 944 6400
E andre.gessner@ukr.de

**Herr
Andreas Giebl**

Klinikum Augsburg
Institut für Transfusionsmedizin und
Hämostaseologie
Stenglinstraße 2
86156 Augsburg

T +49 821 400 2668
E andreas.giebl@klinikum-augsburg.de

**Frau Prof. Dr. rer. nat.
Yvonne Gräser**

Charité - Universitätsmedizin Berlin
Institut für Mikrobiologie und Hygiene, Nationales
Konsiliarlabor für Dermatophyten
Hindenburgdamm 27, 1. OG, Raum 148
12203 Berlin

T +49 30 45052 4066
F +49 30 45052 4972
E yvonne.graeser@charite.de

**Herr PD Dr. rer. nat.
Gregor Grass**

Institut für Mikrobiologie der Bundeswehr
Neuherbergstraße 11
80937 München

T +49 992692 2806
F +49 89 992692 3983
E gregorgrass@bundeswehr.org

**Herr Prof. Dr. med.
Kai Gutensohn**

INSTAND e.V.
Ubierstraße 20
40223 Düsseldorf

T +49 160 1549548
E k.gutensohn@instand-ev.de

**Herr Prof. Dr. med.
Gerhard Haase**

Labordiagnostisches Zentrum - Bereich
Mikrobiologie
Universitätsklinikum RWTH Aachen
Pauwelsstraße 30
52074 Aachen

T +49 241 8089 515/510
F +49 241 8033 89515/80824
E ghaase@ukaachen.de

**Herr Prof. Dr. med. Dr. rer. nat.
Ekkehard Haen**

Klinische Pharmakologie am Lehrstuhl für
Psychiatrie und Psychotherapie
und am Lehrstuhl für Pharmakologie und
Toxikologie der Universität
Universitätsstraße 84
93053 Regensburg

T +49 178 204 3288
F +49 941 941 2057
E ekkehard.haen@klinik.uni-regensburg.de

**Herr Prof. Dr. med. Dr. phil.
Torsten Haferlach**

MLL Münchner Leukämielabor GmbH
Max-Lebsche-Platz 31
81377 München

T +49 89 99017 100
E torsten.haferlach@mll.com

**Herr Dr.
Andreas Hiergeist**

Institut für Klinische Mikrobiologie und Hygiene
Universitätsklinikum Regensburg
Franz-Josef-Strauß-Allee 11
93053 Regensburg

T +49 941 944 16465
F +49 941 944 6402
E andreas.hiergeist@ukr.de

**Frau Dr. rer. nat.
Doris Hillemann**

Forschungszentrum Borstel
Nationales Referenzzentrum für Mykobakterien
Parkallee 18
23845 Borstel

T +49 4537 188 7610
F +49 4537 188 3110
E dhillemann@fz-borstel.de

**Frau Dr. med.
Britta Höchsmann**

Institut für Klinische Transfusionsmedizin und
Immungenetik Ulm (IKT)
Helmholtzstraße 10
89081 Ulm

T +49 731 150 560
F +49 731 150 500
E b.hoechsmann@blutspende.de

**Herr Prof. Dr. med.
Stefan Holdenrieder**

Institut für Laboratoriumsmedizin Deutsches
Herzzentrum München
Lazarettstraße 36
80636 München

T +49 89 1218 1011
E holdenrieder@dhm.mhn.de

**Herr Prof. Dr. med.
Achim Hörauf**

Institut für Medizinische Mikrobiologie,
Immunologie und Parasitologie
Universitätsklinikum Bonn
Sigmund-Freud-Straße 25
53127 Bonn

T +49 228 287 15675
F +49 228 287 19573
E immip.office@ukbonn.de

**Herr Prof. Dr.
Marc Hübner**

Universitätsklinikum Bonn
Institut für Medizinische Mikrobiologie,
Immunologie und Parasitologie (IMMIP)
Venusberg-Campus 1
53127 Bonn

T +49-228-287-19177
E Huebner@uni-bonn.de

**Herr Prof. Dr. med.
Klaus-Peter Hunfeld**

Zentralinstitut für Labormedizin, Mikrobiologie &
Krankenhaushygiene
Krankenhaus Nordwest
Steinbacher Hohl 2-26
60488 Frankfurt am Main

T +49 69 7601 4349
F +49 69 7601 3907
E hunfeld.klaus-peter@khnw.de

**Herr Dr. rer. nat.
Martin Kammel**

Institut für Qualitätssicherung in der
Virusdiagnostik - IQVD
Potsdamer Chaussee 80
14129 Berlin

T +49 30 8105 4300
F +49 30 8105 4303
E m.kammel@iqvd.de

**Herr Prof. Dr. med.
Wolfgang Kern**

MLL Münchner Leukämielabor GmbH
Max-Lebsche-Platz 31
81377 München

T +49 89 99017 200
F +49 89 99017 209
E wolfgang.kern@mll.com

**Herr Prof. Dr. med.
Andreas Humpe**

Klinikum der Universität München, Campus
Großhadern
Abteilung für Transfusionsmedizin, Zelltherapeutika
und Hämostaseologie
Marchioninistraße 15
81377 München

T +49 89 4400 7 3701
F +49 89 4400 7 8896
E andreas.humpe@med.uni-muenchen.de

**Frau Dr.
Patricia Kaiser**

INSTAND e.V.
Ubierstraße 20
40223 Düsseldorf

T +49 211-1592 13 210
F +49 211 1592 13 750
E kaiser@instand-ev.de

**Herr Dr. med.
Günther Kappert**

Gerinnungszentrum Rhein-Ruhr
Königstraße 13
47051 Duisburg

T +49 203 348 336 0
F +49 203 348 336 36
E guenther.kappert@gzrr.de

**Herr Prof. Dr.
Michael Kirschfink**

Im Gabelacker 18
69120 Heidelberg

T +49 6221 40 0098
E kirschfink@uni-hd.de

**Frau Dr. Dipl.-Biol.
Fanni Kleinert**

Universitätsklinikum Köln
Innere Medizin 1
Kerpener Straße 62
50937 Köln

T +49 221 478 97385
F +49 221 478 98833
E fanni.kleinert@uk-koeln.de

**Herr Dipl.-Ing. (FH)
Udo Kramer**

INSTAND e.V.
Udierstraße 20
40223 Düsseldorf

T +49 211-1592 13 220
F +49 211 1592 13 750
E kramer@instand-ev.de

**Herr Prof. Dr. med.
Karl-Anton Kreuzer**

Universitätsklinikum Köln
Innere Medizin I
Kerpener Straße 62
50937 Köln

T +49 221 478 97626
F +49 221 478 97627
E karl-anton.kreuzer@uni-koeln.de

**Herr Dr. med.
Hartmut Kroll**

Institut für Transfusionsmedizin Dessau
DRK-Blutspendedienst NSTOB
Altener Damm 50
06847 Dessau

T +49 340 54141 110
F +49 340 54141 144
E hartmut.kroll@bsd-nstob.de

**Herr Dr.-Ing.
Nils Lachmann**

Charité-Universitätsmedizin Berlin, ZTB-Zentrum für
Transfusionsmedizin
und Zelltherapie Berlin gGmbH, Gewebetypisierung
am Campus Virchow-Klinikum
Augustenburger Platz 1
13353 Berlin

T +49 30 450 665 098
F +49 30 450 553 918
E nils.lachmann@charite.de

**Herr Prof. Dr. med.
Peter B. Lupp**

Institut für Klinische Chemie und Pathobiochemie
Klinikum rechts der Isar
Ismaninger Straße 22
81675 München

T +49 89 4140 4759
F +49 89 4140 4875
E p.lupp@tum.de

**Herr Dr. med.
Thomas Lutz**

Medizinische Laboratorien Düsseldorf
Nordstraße 44
40477 Düsseldorf

T +49 211 4978 184
E dr.lutz@mail.de

**Herr Prof. Dr. med.
Matthias Maas**

Labor Dr. Heidrich und Kollegen
MVZ GmbH
Stuvkamp 22
22081 Hamburg

T +49 40 9707 99930
E maass@labor-heidrich.de

**Frau Dr.
Adriana Méndez**

Kantonsspital Aarau AG
Institut für Labormedizin
Tellstrasse 25
5001 Aarau
Schweiz

T +41 62 838 95 38
E adriana.mendez@ksa.ch

**Herr Prof. Dr. med.
Matthias Nauck**

Institut für Klinische Chemie und
Laboratoriumsmedizin Universitätsmedizin
Greifswald
Körperschaft des öffentlichen Rechts
Ferdinand-Sauerbruch-Straße
17475 Greifswald

T +49 3834 86 5500
F +49 3834 86 5502
E matthias.nauck@med.uni-greifswald.de

**Herr Dr. med.
Thomas Nebe**

Hämatologie-Labor Mannheim
Hans-Böckler-Straße 1
68161 Mannheim

T +49 621 4373 2991
F +49 621 4373 6733
E thomas.nebe@haema-labor.de

**Herr Prof. Dr. med.
Pietro Nenoff**

Labor für medizinische Mikrobiologie
Mölbiser Hauptstraße 8
04571 Rötha/OT Mölbis

T +49 34347 503 23
F +49 34347 501 23
E nenoff@mykologie-experten.de

**Herr Dr. rer. nat.
Stefan Neubeck**

Carl-Thiem-Klinikum Cottbus gGmbH
Zentrum für Laboratoriumsmedizin, Mikrobiologie
und Krankenhaushygiene
Thiemstraße 111
03048 Cottbus

T +49 355 46 3304
F +49 355 46 2003
E s.neubeck@ctk.de

**Herr Dr. med.
Christoph Niederau**

MVZ Labor Dortmund Leopoldstraße GmbH
Leopoldstraße 10
44147 Dortmund

T +49 231 860 27 0
F +49 231 860 27 2810
E christoph.niederau@labor-dortmund.de

**Herr Dr. med.
Marijo Parcina**

Universitätsklinikum Bonn
Institut für Medizinische Mikrobiologie,
Immunologie und Parasitologie (IMMIP)
Venusberg-Campus 1
53127 Bonn

E parcina@uni-bonn.de

**Herr Prof. Dr. med.
Dirk Peetz**

HELIOS Klinikum Berlin-Buch
Institut für Labormedizin
Schwanebecker Chaussee 50, Haus 222
13125 Berlin

T +49 30 9401 55300
F +49 30 9401 55309
E dirk.peetz@helios-gesundheit.de

**Frau Prof. Dr. med. Dipl.-Biol.
Astrid Petersmann**

Universitätsmedizin Oldenburg, Klinikum Oldenburg
AöR
Universitätsinstitut für Klinische Chemie und
Laboratoriumsmedizin
Rahel-Straus-Str. 10
26133 Oldenburg

T +49 441-403-2160
F +49 441-403-2597
E astrid.petersmann@uni-oldenburg.de

**Herr Dr. med.
Roland Reibke**

Klinik Bad Trissl GmbH
Abteilung für Innere Medizin I und Palliativmedizin
Bad-Trissl-Straße 73
83080 Bad Trissl

T +49 80 33 20-285
F +49 080 33 20-310
E roland.reibke@klinik-bad-trissl.de

**Herr PD Dr. med. habil.
Karl H. Reuner**

Carl-Thiem-Klinikum Cottbus gGmbH
Zentrum für Laboratoriumsmedizin, Mikrobiologie
und Krankenhaushygiene
Thiemstraße 111
03048 Cottbus

T +49 355 46-2480
F +49 355 46-2030
E labor@ctk.de

**Herr
Florian Ridders**

Klinische Pharmakologie am Lehrstuhl für
Pharmakologie und Toxikologie der Universität
Universitätsstr. 31
93053 Regensburg

T +49 941 943 4766
F +49 941 943 5832
E florian.ridders@klinik.uni-regensburg.de

**Herr Prof. Dr.
Zoltan Prohaszka**

Semmelweis University
Department of Internal Medicine and Hematology
Szentkirályi st. 46
1088 Budapest
Ungarn

T +361 3251379
F +361 2129351
E prohaszka.zoltan@med.semmelweis-univ.hu

**Herr Prof. Dr. rer. nat.
Udo Reischl**

Institut für Klinische Mikrobiologie und Hygiene
Universitätsklinikum Regensburg
Franz-Josef-Strauß-Allee 11
93053 Regensburg

T +49 941 944 6450
F +49 941 944 6451
E udo.reischl@ukr.de

**Herr PD Dr. med.
Volker Rickerts**

Robert Koch-Institut
FG 16 Erreger von Pilz- und Parasiteninfektionen und
Mykobakteriosen
Seestraße 10
13353 Berlin

T +49 30 18754 2208
F +49 30 18754 2614
E RickertsV@rki.de

**Herr Dr. med
Martin Roskos**

Synlab MVZ Weiden GmbH
MVZ Gera, Betriebsstätte Oncoscreen Jena
Löbstädter Straße 93
07749 Jena

T +49 3641 5074 20
F +49 3641 5074 11
E martin.roskos@synlab.com

**Herr Prof. Dr. med.
Ulrich Sachs**

Justus-Liebig-Universität Gießen
Institut für Klinische Immunologie und
Transfusionsmedizin
Langhansstraße 7
35392 Gießen

T +49 641 985 41514
F +49 641 985 41509
E ulrich.sachs@immunologie.med.uni-giessen.de

**Herr Prof. Dr. med.
Ulrich Sack**

Universitätsklinikum Leipzig AöR
Institut für Klinische Immunologie
Johannisallee 30
04103 Leipzig

T +49 341 972 5500
F +49 341 972 5828
E ulrich.sack@medizin.uni-leipzig.de

**Herr Dr. med.
Richard Schabath**

Praxis für Hämatologie und Onkologie Berlin Mitte
Friedrichstraße 113A
10117 Berlin

E richard@schabath.de

**Herr Prof. Dr. rer. nat.
Peter Schadewaldt**

Haus Gravener Straße 42a
40764 Langenfeld

T +49 2173 6854 991
E schadewa@gmx.de

**Herr Prof. Dr. rer. nat.
Ingo Schellenberg**

INSTAND e.V.
Ubierstraße 20
40223 Düsseldorf

T +49 211 1592 13 120
E schellenberg@instand-ev.de

**Herr Prof. Dr. med.
Dirk Schlüter**

Medizinische Hochschule Hannover und
Krankenhaushygiene
Institut für Medizinische Mikrobiologie
Carl-Neuberg-Straße 1
30625 Hannover

T +49 511 532 0
E schlueter.dirk@mh-hannover.de

**Frau Dr. rer. nat.
Heike Schneider**

Institut für Klinische Chemie und Pathobiochemie
Klinikum rechts der Isar
Ismaninger Straße 22
81675 München

T +49 89 4140 5252
F +49 89 4140 4875
E heike.schneider@tum.de

**Herr Dr. med. Dipl.-Chem.
Christoph Schoerner**

Mikrobiologisches Institut - Klinische Mikrobiologie,
Immunologie und Hygiene
Universitätsklinikum Erlangen
Wasserturmstraße 3-5
91054 Erlangen

T +499131 85-22583
F +499131 85-22117
E christoph.schoerner@uk-erlangen.de

**Herr Prof. Dr. rer. nat.
Holger C. Scholz**

Institut für Mikrobiologie der Bundeswehr Leiter
Konsiliarlabor für Yersinia pestis Abteilung
Bakteriologie und Toxinologie
Neuherbergstrasse 11
80939 München

T +49 89 3168 3982
F +49 89 3168 3983
E holger1scholz@bundeswehr.org

**Herr Dr.
Torsten J. Schulze**

Institut Springe
Eldagsener Straße 38
31832 Springe

T +49 5041 772 – 533
E torsten.schulze@bsd-nstob.de

**Herr Prof. Dr. med.
Hans-Peter Seelig**

MVZ Labor PD Dr. Volkmann & Kollegen GbR
Gerwigstraße 67
76131 Karlsruhe

T +49 172 722 9688
F +49 3212 722 9688
E kontakt@hpseelig.de

**Herr Prof. Dr. med.
Michael Spannagl**

LMU Klinik der Universität München
Ziemssenstraße 1
80336 München

T +49 89 4400 52211
F +49 89 4400 52148
E mispannagl@t-online.de

**Herr Prof. Dr. med.
Werner Steimer**

Institut für Klinische Chemie und Pathobiochemie
Klinikum rechts der Isar
Ismaningerstraße 22
81675 München

T +49 89 4140 4754
F +49 89 4140 4875
E werner.steimer@tum.de

**Herr Prof. Dr. med.
Martin Stern**

Universitätskinderklinik
Abteilung Kinderheilkunde I
Hoppe-Seyler-Straße 1
72076 Tübingen

T +49 7071 298 3781
F +49 7071 294 448
E martin.stern@med.uni-tuebingen.de

**Herr Prof. Dr. med.
Egbert Tannich**

Instand e.V.
Ubierstraße 20
40223 Düsseldorf

T +49 211 159213-0
E egbert.tannich@hamburg.de

**Herr Prof. Dr. med. Dr. rer. nat.
Manfred Uhr**

Max-Planck-Institut für Psychiatrie
Kraepelinstraße 2-10
80804 München

T +49 89-30622-651 /-269
F +49 89 30622 310
E uhr@psych.mpg.de

**Herr PD Dr. med.
Franz F. Wagner**

DRK-Blutspendedienst NSTOB
Eldagsener Straße 38
31832 Springe

T +49 5041 772 172
F +49 5041 772 421
E fwagner@bsd-nstob.de

**Herr Prof. Dr. med.
Michael S. Weig**

Institut für Medizinische Mikrobiologie
Universitätsmedizin Göttingen
Kreuzberg 57
37075 Göttingen

T +49 551 39 7099
F +49 551 39 5861
E mweig@gwdg.de

**Herr Prof. Dr. med.
Folker Wenzel**

Fakultät Medical and Life Sciences
Campus Villingen-Schwenningen
Jakob-Kienzle-Str. 17
78054 Villingen-Schwenningen

T +49 7720 307 4358
F +49 7720 307 4727
E wfo@hs-furtwangen.de

**Frau Dr. med.
Dunja Wilmes**

Robert Koch-Institut
FG 16 Erreger von Pilz- und Parasiteninfektionen und
Mykobakteriosen
Seestraße 10
13353 Berlin

T +49 30 18754 2208
F +49 30 18754 2614
E WilmesD@rki.de

**Frau
Sükran Zaralioglu**

Charité-Universitätsmedizin Berlin, ZTB-Zentrum für
Transfusionsmedizin
und Zelltherapie Berlin gGmbH, Gewebetypisierung
am Campus Virchow-Klinikum
Augustenburger Platz 1
13353 Berlin

T +49 30 450 665 098
F +49 30 450 553 918
E suekran.zaralioglu@charite.de

**Herr Prof. Dr. rer. nat.
Heinz Zeichhardt**

Institut für Qualitätssicherung in der
Virusdiagnostik - IQVD
Potsdamer Chaussee 80
14129 Berlin

T +49 30 8105 4300
F +49 30 8105 4303
E Heinz.Zeichhardt@iqvd.de

**Frau Prof. Dr. med.
Inga Zerr**

Nationales Referenzzentrum für TSE
Klinik für Neurologie Universitätsmedizin Göttingen
Robert-Koch-Straße 40
37075 Göttingen

T +49 551 39 66636
F +49 551 39 7020
E ingazerr@med.uni-goettingen.de

**Herr Dr. med.
Stefan Ziesing**

Medizinische Hochschule Hannover
Institut für Medizinische Mikrobiologie
Carl-Neuberg-Straße 1
30625 Hannover

T +49 511 532 4344
F +49 511 532 4366
E ziesing.stefan@mh-hannover.de

**Herr Dr. rer. nat.
Thomas Zimmermann**

labopart - Medizinische Laboratorien
DC Bauer, Dr. Gerber, Prof. Dr. Bühling
Wurzener Straße 5
01127 Dresden

T +49 351 210799 211
F +49 351 210799 485
E th.zimmermann@labopart.de

**Herr Prof. Dr. med.
Christos C. Zouboulis**

Hochschulklinik für Dermatologie, Venerologie und
Allergologie
Immunologisches Zentrum Städtisches Klinikum
Dessau Medizinische Hochschule Brandenburg
Auenweg 38
06847 Dessau

T +49 340 501 4000
F +49 340 501 4025
E christos.zouboulis@klinikum-dessau.de

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INSTAND e.V.

Gesellschaft zur Förderung
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Ublerstr. 20
40223 Düsseldorf, Deutschland

T +49 [0] 211 1592 13-0
F +49 [0] 211 1592 13-30
E instand@instand-ev.de

Vertreten durch:

Vorsitzender: Prof. Dr. med. Michael Spannagl
Stellvertretender Vorsitzender: Prof. Dr. rer. nat. Ingo Schellenberg
Stellvertretender Vorsitzender: Prof. Dr. med. Klaus-Peter Hunfeld

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Society for Promoting
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Udierstr. 20

40223 Duesseldorf, Germany

Tel.: +49 (0)211 159213-0

Fax: +49 (0)211 159213-30

E-Mail: instand@instand-ev.de

www.instand-ev.de