



Quality assurance in medical laboratory

Surveys 2025

Reference Institut for Bioanalytics
Accredited to DIN EN ISO/IEC 17043

www.rfb.bio



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Editorial

Dear participant,
and those interested,

The guideline of the German Medical Association (Rili-BÄK) and the EU regulation for in vitro diagnostics (IVDR) pose challenges for laboratories and manufacturers, especially with regard to quality assurance. Surveys are an important support for your efforts to meet the highest quality requirements in terms of the best possible patient care and offer transparent comparison options for measurement methods.

As an External Quality Assurance (EQA) provider we are accredited in accordance with DIN EN ISO/IEC 17043. This accreditation was confirmed again by the DAkkS in April 2024. At the same time, it was again confirmed that we fulfil the requirements for an EQA scheme provider as set out in the current version of the Rili-BÄK.

We are therefore delighted that we have been able to further expand our range of survey schemes for 2025, which reached approx. 130,000 participations from more than 50 countries in 2023. The news are listed at a glance under 'Topics'.

Furthermore, based on the results of our recent the results of our recent customer survey and the

meeting of our scientific meeting of our scientific advisory board, we will also be carrying out new pilot ring trials in the coming year, which will then be transferred to regular operation.

We will of course also continue to improve and expand our service. This will include improving our availability, increasing our presence at trade fairs and relaunching our website in order to provide more targeted and service-orientated information and respond to enquiries.

Our new logo, which symbolises our modern orientation and our commitment to innovation, can be found on the relevant communication channels, which now also include social media. We have also set ourselves the goal of strengthening our international presence and further expanding our services worldwide.

We have stood for the highest quality standards in our interlaboratory comparisons for several decades and want to ensure that you always benefit from the latest developments and requirements. Your active participation and support are invaluable to us. We would like to thank you very much for this, both in the past and in the future. We look forward to working with you in the interests of high-quality patient care.



Gunther Schabio



Dr. Anja Kessler



Calibration laboratories of RfB

The Reference Institute for Bioanalytics runs two of the few German calibration laboratories for clinical measurands at the Hanover and Cologne sites. The RfB calibration laboratories are accredited by the German Accreditation Body (DAkkS) in accordance with the international standards ISO 15195 and ISO/IEC 17025. All reference measurement procedures used comply with the requirements of the guideline of the German Medical Association. Both, the reference measurement procedures and the services offered are listed internationally by the Joint Committee for Traceability in Laboratory Medicine (JCTLM).

Service:

On the one hand, the calibration laboratories determine reference measurement procedure values that are used as target values in the control materials for external quality control of the RfB. In this way, they make a significant contribution to testing the analytical quality of routine clinical

chemistry laboratory procedures.

Secondly, for external customers in the IVD industry, there is the possibility to determine reference measurement procedure values. Especially for the verification of metrological traceability in terms of the IVD-R, we offer the certification of calibrators, control materials and patient samples and provide assistance on the subject of calibration concepts.

Analysis spectrum:

Since the development of the first reference measurement procedures for the determination of hormones over 40 years ago, our calibration laboratories have been continuously expanding the range of measurands. Currently, the range includes a total of 35 analytes in the areas of electrolytes, metabolites and substrates, enzymes, hormones, pharmaceuticals as well as proteins (see table on the next page).

For further information, please use the following contact options:

General inquiries:
info@spmd-rfb.de

Specific requests to the calibration laboratories:



Cologne

Mrs. Dr. Caroline Stobe
calibrationlab1_info@spmd-rfb.de



Hanover

Mr. Dr. Denis Grote-Koska
calibrationlab2_info@spmd-rfb.de



Services of the RfB calibration laboratories

Analyt	Matrices	Measurement range
17-Hydroxyprogesterone	Serum, plasma	1 – 2500 nmol L ⁻¹
α-Amylase (AMY)	Serum, plasma	0,058 – 12,0 µkat L ⁻¹
Alanine aminotransferase (ALT)	Serum, plasma	0,072 – 4,75 µkat L ⁻¹
Aldosterone	Serum, plasma	0,05 – 3,5 nmol L ⁻¹
Alkaline phosphatase (ALP)	Serum, plasma	0,092 – 11,3 µkat L ⁻¹
Aspartate aminotransferase (AST)	Serum, plasma	0,040 – 4,17 µkat L ⁻¹
Bilirubin	Serum, plasma	5 – 525 µmol L ⁻¹
Calcium	Serum, plasma, urine	0,4 – 8 mmol L ⁻¹
Chloride	Serum, plasma, urine	50 – 290 mmol L ⁻¹
Cholesterol	Serum, plasma	1 – 10 mmol L ⁻¹
Cortisol	Serum, plasma	10 – 2000 nmol L ⁻¹
Creatinine	Serum, plasma	50 – 1000 µmol L ⁻¹
Creatinine	Urine	0,4 – 40 mmol L ⁻¹
Creatine kinase (CK)	Serum, plasma	0,155 – 24,33 µkat L ⁻¹
Digitoxin	Serum, plasma	0,5 – 100 nmol L ⁻¹
Digoxin	Serum, plasma	0,1 – 40 nmol L ⁻¹
Oestradiol (E2)	Serum, plasma	0,01 – 7,5 nmol L ⁻¹
Oestriol (E3)	Serum, plasma	1 – 500 nmol L ⁻¹
Glucose	Serum, plasma, urine, blood, CSF	0,5 – 25 mmol L ⁻¹
Haemoglobin	Blood	20 – 300 g L ⁻¹
Uric acid	Serum, plasma	50 – 1000 µmol L ⁻¹
Uric acid	Urine	0,1 – 10 mmol L ⁻¹
Urea	Serum, plasma	0,5 – 50 mmol L ⁻¹
Urea	Urine	0,5 – 1000 mmol L ⁻¹
HbA1c	Whole blood, haemolysate	29 – 150 mmol L ⁻¹
Potassium	Serum, plasma, urine	0,75 – 75 mmol L ⁻¹
Lactate dehydrogenase (LDH)	Serum, plasma	0,145 – 10 µkat L ⁻¹
Lithium	Serum, plasma, urine	0,05 – 5 mmol L ⁻¹
Magnesium	Serum, plasma, urine	0,1 – 4 mmol L ⁻¹
Sodium	Serum, plasma, urine	5 – 200 mmol L ⁻¹
Progesterone	Serum, plasma	0,1 – 100 nmol L ⁻¹
Protein (total)	Serum, plasma	10 – 120 g L ⁻¹
Testosterone	Serum, plasma	1 – 50 nmol L ⁻¹
Theophylline	Serum, plasma	0,75 – 50 mg L ⁻¹
Thyroxine (T4)	Serum, plasma	20 – 350 nmol L ⁻¹
Triglycerides (total)	Serum, plasma	0,5 – 20 mmol L ⁻¹
Triiodo-L-thyronine (T3)	Serum, plasma	0,5 – 8 nmol L ⁻¹
γ-Glutamyltransferase (GGT)	Serum, plasma	0,032 – 4,58 µkat L ⁻¹



Topics

In our current program, we have sorted the survey schemes as follows:

- Quantitative determinations
- Qualitative determinations
- Direct detection of pathogens
- Ejaculate investigation
- Molecular- and cytogenetic investigations

Within the individual chapters, the survey schemes are listed alphabetically

In 2025, we will offer the following new surveys/analytes:

B1

AK Therapeutic drug monitoringpage 10

Set 2 of the survey was supplemented by the analyte paracetamol.

EG Ethylglucuronidepage 15

The analyte cotinin will no longer be offered in the future.

IG Serum proteinspage 20

The survey was supplemented by the analytes IgG1, IgG2, IgG3, IgG4.

TH Thrombophilie-Screeningpage 29

The ADAMTS-13 - III analyte will be offered twice a year in future.

B3

DermPCR (Genome evidence of dermatophytes)page 50

UrinAg (Urine antigen evidence)page 56

Antigen detection of Legionella pneumophila (Set1) and Streptococcus pneumoniae (Set2).

Advice and instructions concerning the processes for registration and ordering are described on page 9.

If you have any questions concerning External Quality Assessment or our brochure please call:

+49 228 926895-0

or send us an e-mail:

info@spmd-rfb.de

Reference Institute for Bioanalytics is a special purpose operation of the non-profit foundation "Stiftung für Pathobiochemie und Molekulare Diagnostik" and designs and organizes surveys for External Quality Assurance on their behalf and on nomination by the German Medical Association.

Please note the currently valid General Terms and Conditions of the Foundation for Pathobiochemistry and Molecular Diagnostics for participation in surveys, of the Reference Institute for Bioanalytics for surveys.



List of content

General information

2	Calibration laboratories of RfB
4	Topics
5	List of content
8	Internet / homepage / e-mail
9	How to order surveys
9	Changes of orders
9	Fees and invoice
64	RfB office
64	Survey directors
64	Scientific advisors
69	Data protection declaration

Quantitative determinations

10	AD	Automated differential count
10	AK	Therapeutic drug monitoring
11	AM	Ammonia
11	AS	Asparaginase
11	BF	Body fluid
12	BG	Blood gas
12	BI	Neonatal bilirubin
13	CM	Cardiac markers
13	CMX	Cardiac markers in whole blood
14	CS	Immunosuppressives
14	DD	D-Dimer
14	DT	CD Transferrin
15	EG	Ethylglucuronide
15	ET	Ethanol
15	FD	Faeces diagnostics
16	GH	Glycated hemoglobin
16	GL	Glucose „wet chemistry“
17	GLX	Glucose „POCT“
17	GR	Coagulation
18	HA	Hematology - Full blood count
18	HB	Hemoglobin and Hematocrit
19	HM	Hormones - group 1
19	HP	Hormones - group 2
20	IG	Serum proteins
20	IS	Immunophenotyping
21	KL	Clinical chemical analytes in cerebrospinal fluid (CSF)
22	KS	Clinical chemical analytes in serum „wet chemistry“
23	KU	Clinical chemical analytes in urine
23	LP	Lipoproteins
24	NBS	Newborn screening
24	NfL	Neurofilament Light Chain
24	OH	Hemoglobin derivatives
25	OS	Bone metabolism
25	PH	Photometer control
25	PM	Preeclampsia marker



List of content

26	RE	Reticulocytes
26	RF	Rheumatoid factors
27	SA	Thyroid antibodies
27	SD	Pregnancy diagnostic
28	SP	Trace elements in urine
28	SV	Saliva diagnostic
28	SW	Sweat analysis
29	TH	Thrombophilia screening (cooperation with the Dutch organization ECAT)
30	TM	Tumor markers group 1
30	TMX	Tumor markers group 2
31	TR	Clinical chemical analytes in serum „dry chemistry“
31	VT	Vitamins and analgesics
32	ZL	Cell count in cerebrospinal fluid (CSF)
32	ZY	Cytokines

Qualitative determinations

33	AI	Antinuclear antibodies
33	AL	Allergology
34	BorrBimm	Anti-Borrelia burgdorferi
34	CMVimm	CMV serology
34	DF	Hematology - Differential blood count
35	DS	Drug screening in urine
35	EBVimm	Epstein-Barr-Virus serology
36	HAVimm	HAV serology
36	HBVimm1	HBV serology Minor
36	HBVimm2	HBV serology Major
37	HCVimm	HCV serology
37	HerpVimm	Herpes viruses serology
37	HIVimm	HIV serology
38	HS	Urinary calculus
38	HTLVimm	Human T-lymphotropic virus
38	IA	Immunohematology automated
39	IH	Immunohematology Major (extended offer)
39	IM	Immunohematology Minor (basic program)
40	KUST	Clinical chemistry in urine, test strip and pregnancy test, qualitative
40	MaMulmm	Morbilli and mumps serology
41	OB	Oligoclonal bands in cerebrospinal fluid (CSF)
41	pVB19imm	pVB19 serology
41	RoetLimm	Anti-Rubella Virus
42	SX	Systematic toxicologic analysis
42	ToxoGimm	Anti-Toxoplasma gondii
42	TrepPimm	Anti-Treponema pallidum
43	TX	Toxicologic analyses
43	US	Urine sediment
43	VariAimm	Various immunological analytes
44	ZZ	Cerebrospinal fluid cytology

Direct detections of pathogens

45	BA	Bacteriology Major
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List of content

45	BakNAT1	Genome evidence group 1
46	BakNAT2	Genome evidence group 2
46	BakNAT3	Genome evidence group 3
46	BakNAT4	Genome evidence group 4
47	BAK-TK	Proficiency panel to detect bacteria in platelet concentrates
47	BM	Bacteriology Minor
48	B-Stscre	B-Streptococci screening
48	CdToxin	Clostridioides (Clostridium) difficile toxin genome
48	ChlamTra	Chlamydia trachomatis AG
49	CoVag	Evidence of SARS-CoV-2 antigen
49	CoVpcr	Genome evidence of SARS-CoV-2 and variants of concern
49	CrypCand	Cryptococcus neoformans and candida albicans antigen
50	DermPCR	Genome evidence of Dermatophyten
50	GP	Gram-staining
50	HEVpcr	Hepatitis E virus
51	Infl-RSV	Influenza and RSV antigen evidence
51	MMRpcr	Genome evidence measles, mumps, rubella
51	MRGNscre	MRGN screening
52	MRSAscre	MRSA screening
52	MykCult	Cultivation and identification of fungi
52	MykIdent	Identification of fungi
53	NoroPCR	Norovirus PCR
53	ParasitB	Parasites in blood
53	ParasitS	Parasites in stool
54	PolyVir1	Genome evidence group 1
54	PolyVir2	Genome evidence group 2
54	ToxoGen	Toxoplasma gondii genome
55	TubDiag	Tuberculosis diagnostics
56	UrinAg	Urine antigen evidence
56	VREscre	VRE screening

Ejaculate investigation

57	Ej	Semen (cooperation with the German society of andrology and their quality control organization QuaDeGa)
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Molecular- and cytogenetic investigation

58	ctDNA	circulating tumor DNA
59	DI	DNA isolation
60	MG1	Molecular genetics group 1
61	MG2	Molecular genetics group 2
63	SQ	DNA sequencing

Addendum

7	Index
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Forms

7	Thrombophilia screening (TH) application form
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Internet / homepage / e-mail

Our website address is: **www.rfb.bio**

Open to all interested people, you can find there:

- Information about our current survey program,
- Evaluations of our surveys (target values, statistics, youdenplots, comments on the evaluation etc.),
- Information about the surveys and the Reference Institute for Bioanalytics.

Registered online users have (after login) additional options to handle the participation process:

- Online ordering/cancellation,
- Online data entry.
- PDF retrieval of:
 - Protocol of the input of results,
 - Certificates/evaluations,
 - Annual summary in terms of,
 - orders,
 - certificates,
 - correctness of findings.
- E-mail notifications for evaluated surveys with direct links to individual evaluations.
- Reminder e-mails for close survey deadlines.
- Convenient management of multiple participation numbers by “fast user switching” with reduced login effort.
- Summary over finished surveys per year with:
 - passed / not rated / not passed analytes,
 - download of complete evaluation/certificates,
 - comment function.

To register:

- Please use the corresponding link on our homepage: “New participant?”
- Already online registered participants can register on our homepage via the link: “Password forgotten?” to request a new password at any time.
- For any questions or comments, please contact us via e-mail: **info@spmd-rfb.de**



How to order surveys / fees / invoice / notes

Contract type

RfB offers two different types of contracts for participating in the surveys.

► Contract type A - subscription

If you choose contract type A, then your individual order will automatically be renewed annually as long as you do not cancel subscription.

► Contract type B - yearly order

If you choose contract type B, you will get the ordered surveys within one calendar year. To receive further surveys for the following year, a new order will be necessary.

► Information for application

It is possible to choose either contract type A (permanent subscription) or contract type B (yearly order) for each survey scheme individually. Participants from Europe, with the exception of Germany, are requested to specify their VAT (value added tax) number.

► Ordering

Surveys of RfB can be ordered on our website www.rfb.bio, or by using the form for the survey TH - Thrombophilia provided in this program. This is possible at any time up to the application deadline of the survey.

► Changes of orders

For both types of contracts, any changes of orders are possible up to the application deadline of the corresponding survey. Together with this program for the next year, you will receive an overview of the surveys you already have ordered. This overview could also be used for an order confirmation or changes in your orders.

Fees and invoice

The prices for each survey can be found in the description of the survey scheme in this booklet. These prices are net prices, all deliveries via parcel service are charged separately.

The invoice is issued after completion of the corresponding survey and includes the net price, and plus the applicable VAT. Shipping costs, taxes, and duties are billed separately. Payments can only be made by bank transfer or direct debit.

Notes

Some parts of the survey (packing/data transfer) can be subcontracted from time to time. When subcontracting occurs, it is in cooperation with a competent subcontractor, and the RfB is responsible for this work.

Parts of survey evaluations may be used for publications, making note of the origin.

The terms and conditions of participation are published at www.rfb.bio/agb-en.pdf and can be sent on request.



Quantitative determinations

AD - Automatic differential count

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AD1/25	25.11.24	15.01.25	16.01.25	22.01.25
AD2/25	14.04.25	14.05.25	15.05.25	21.05.25
AD3/25	23.06.25	23.07.25	24.07.25	30.07.25
AD4/25	06.10.25	05.11.25	06.11.25	12.11.25

€ Fee for each survey, net prices plus VAT

43,50 €
each additional required pair of samples 37,50 €

➤ **Sample material**

blood, liquid, 2 samples each 1 ml

➤ **Analytes**

differential count of the leukocytes with automatic systems - **not intended for use overseas**

neutroph. gran.	tosinoph. gran.	thrombocytes, opt.
lymphocytes	basophilie gran.	thrombocytes, imp.
monocytes	MXD	thrombocytes, flour.

➤ **Information**

The samples have only a very limited stability.

AK - Therapeutic drug monitoring

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AK1/25	18.11.24	07.01.25	13.01.25	25.01.25
AK2/25	17.03.25	15.04.25	21.04.25	03.05.25
AK3/25	26.05.25	24.06.25	30.06.25	12.07.25
AK4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	62,00 €	41,50 €
set 2	53,00 €	41,50 €
set 3	39,50 €	25,00 €
set 1 + 2	100,00 €	
set 1 + 3	86,50 €	
set 2 + 3	77,50 €	
set 1 + 2 + 3	139,50 €	

➤ **Sample material**

serum, lyophilized	set 1: 2 samples each 3 ml
	set 2: 2 samples each 3 ml
	set 3: 2 samples each 2 ml

➤ **Analytes**

set 1		set 2	set 3
carbamazepine	phenytoin	amikacin	ampicillin
digoxin	primidone	caffeine	cefepime
ethosuximide	theophylline	digitoxin	ceftazidime
lithium	valproic acid	gentamycin	linezolid
phenobarbital		methotrexate	meropenem
		paracetamol	piperacillin
		tobramycin	sulbactam
		vancomycin	tazobactam



AM - Ammonia

Survey	Application deadline	Sample dispatch date	survey period from to	
AM1/25	18.11.24	07.01.25	13.01.25	25.01.25
AM2/25	24.02.25	25.03.25	31.03.25	12.04.25
AM3/25	26.05.25	24.06.25	30.06.25	12.07.25
AM4/25	18.08.25	16.09.25	22.09.25	04.10.25

€	Fee for each survey, net prices plus VAT	
		36,00 €
	each additional required pair of samples	18,00 €

➤	Sample material
	serum or control, liquid, 2 samples each 1-3 ml (depending on the manufacturer of samples)
➤	Analyte
	ammonia

AS - Asparaginase

Survey	Application deadline	Sample dispatch date	survey period from to	
AS1/25	17.03.25	08.04.25	14.04.25	03.05.25
AS2/25	15.09.25	07.10.25	13.10.25	01.11.25

€	Fee for each survey, net prices plus VAT	
		125,00 €
	each additional required pair of samples	60,00 €

➤	Sample material
	Serum, lyophilised, 3x2 samples with 1 ml each
➤	Analyte
	Erwinia Asparaginase E.coli Asparaginase PEG-E.coli Asparaginase

BF - Body fluid

Survey	Application deadline	Sample dispatch date	survey period from to	
BF1/25	09.12.24	28.01.25	29.01.25	05.02.25
BF2/25	03.03.25	01.04.25	02.04.25	09.04.25
BF3/25	09.06.25	08.07.25	09.07.25	16.07.25
BF4/25	08.09.25	07.10.25	08.10.25	15.10.25

€	Fee for each survey, net prices plus VAT	
		74,50 €
	each additional required pair of samples	51,00 €

➤	Sample material
	Point Preparation, liquid, 2 samples each 2 ml
➤	Analytes
	erythrocyte count leukocyte count
➤	Information
	For the automatic differential count of the leukocytes please order the survey AD.



BG - Blood gas

Survey	Application deadline	Sample dispatch date	survey period from to	
BG1/25	25.11.24	14.01.25	20.01.25	01.02.25
BG2/25	03.03.25	01.04.25	07.04.25	19.04.25
BG3/25	16.06.25	15.07.25	21.07.25	02.08.25
BG4/25	15.09.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

49,50 €
each additional required pair of samples **28,50 €**

▶ Sample material

gas equilibrated solution, liquid, 2 ampoules each 2,5 ml

▶ Analytes

pH	calcium, ionized	lactate	sodium
pCO ₂	chloride	lithium	urea
pO ₂	creatinine	magnesium	
	glucose	potassium	

BI - Neonatal bilirubin

Survey	Application deadline	Sample dispatch date	survey period from to	
BI1/25	09.12.24	28.01.25	03.02.25	15.02.25
BI2/25	17.03.25	15.04.25	21.04.25	03.05.25
BI3/25	02.06.25	01.07.25	07.07.25	19.07.25
BI4/25	25.08.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

48,50 €
each additional required pair of samples **32,00 €**

▶ Sample material

serum, lyophilized, 2 samples each 2 ml

▶ Analytes

bilirubin, total	bilirubin, direct	bilirubin, indirect
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▶ Information

These specimens contain concentrations of bilirubin, which are characteristic in neonatology.



CM - Cardiac markers

Survey	Application deadline	Sample dispatch date	survey period from to	
CM1/25	09.12.24	28.01.25	03.02.25	15.02.25
CM2/25	17.03.25	15.04.25	21.04.25	03.05.25
CM3/25	02.06.25	01.07.25	07.07.25	19.07.25
CM4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	61,00 €	39,00 €
set 2	38,50 €	31,00 €
set 1 and set 2	92,50 €	

▶ Sample material

serum, lyophilized
serum, lyophilized

set 1: 2 samples each 2 ml

set 2: 2 samples each 1 ml

If you only order set 2, you will only receive samples for the determination of BNP.

▶ Analytes

set 1

CK-MB mass + activity
myoglobine

NT-proBNP
cardiac troponin I

cardiac troponin T
test strips

set 2

BNP

CMX - Cardiac markers in whole blood

Survey	Application deadline	Sample dispatch date	survey period from to	
CMX1/25	25.11.24	14.01.25	16.01.25	22.01.25
CMX2/25	14.04.25	13.05.25	15.05.25	21.05.25
CMX3/25	23.06.25	22.07.25	24.07.25	30.07.25
CMX4/25	06.10.25	04.11.25	06.11.25	12.11.25

€ Fee for each survey, net prices plus VAT

	55,00 €
each additional required pair of samples	34,00 €

▶ Sample material

whole blood, liquid, 2 samples each 1 ml

▶ Analytes

NT-proBNP

cardiac troponin I

cardiac troponin T



CS - Immunosuppressives

Survey	Application deadline	Sample dispatch date	survey period from to	
CS1/25	06.01.25	04.02.25	05.02.25	15.02.25
CS2/25	21.07.25	19.08.25	20.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	50,00 €	34,50 €
set 2	40,00 €	17,00 €
set 1 and set 2	70,50 €	

➤ Sample material

hemolyzed blood set 1: 4 samples each 1,5 ml
hemolyzed blood set 2: 2 samples each 1,5 ml

➤ Analytes

set 1
cyclosporine
sirolimus
tacrolimus

set 2
everolimus

DD - D-Dimer

Survey	Application deadline	Sample dispatch date	survey period from to	
DD1/25	02.12.24	21.01.25	27.01.25	08.02.25
DD2/25	24.03.25	22.04.25	28.04.25	10.05.25
DD3/25	09.06.25	08.07.25	14.07.25	26.07.25
DD4/25	22.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 47,00 €
26,50 €

➤ Sample material

plasma, lyophilized, 2 samples each 1 ml

➤ Analyte

quantitative: D-dimer qualitative: D-dimer
D-dimer (FEU)

DT - CD Transferrin

Survey	Application deadline	Sample dispatch date	survey period from to	
DT1/25	27.01.25	25.02.25	03.03.25	22.03.25
DT2/25	07.07.25	05.08.25	11.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 55,50 €
37,00 €

➤ Sample material

serum, lyophilized, 2 samples each 0,5 ml

➤ Analyte

CDT (Carbohydrate Deficient Transferrin)



EG - Ethylglucuronide

Survey	Application deadline	Sample dispatch date	survey period from to	
EG1/25	10.03.25	08.04.25	14.04.25	26.04.25
EG2/25	11.08.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 40,00 €
25,00 €

➤ **Sample material**

urine, lyophilized, 2 samples each 1 ml

➤ **Analyte**

Ethylglucuronide

ET - Ethanol

Survey	Application deadline	Sample dispatch date	survey period from to	
ET1/25	02.12.24	21.01.25	27.01.25	08.02.25
ET2/25	17.03.25	15.04.25	21.04.25	03.05.25
ET3/25	16.06.25	15.07.25	21.07.25	02.08.25
ET4/25	08.09.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 45,00 €
22,50 €

➤ **Sample material**

serum, liquid, 2 samples each 2 ml

➤ **Analyte**

ethanol

FD - Faeces diagnostics

Survey	Application deadline	Sample dispatch date	survey period from to	
FD1/25	24.02.25	20.05.25	26.05.25	07.06.25
FD2/25	21.07.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results
1-2 53,00 €
3-4 89,50 €
each additional required pair of samples 52,00 €

➤ **Sample material**

stool, lyophilized, 2 samples each 0,2 ml

➤ **Analytes**

Hemoglobin iFOBT assay (quantitative, qualitative)
Hemoglobin / haptoglobin complex (quantitative, qualitative)

Pancrat. Elastase -1 (quantitative, qualitative)
Calprotectin (quantitative, qualitative)



GH - Glycated hemoglobin

Survey	Application deadline	Sample dispatch date	survey period from to	
GH1/25	02.12.24	21.01.25	22.01.25	28.01.25
GH2/25	31.03.25	29.04.25	30.04.25	07.05.25
GH3/25	09.06.25	08.07.25	09.07.25	16.07.25
GH4/25	22.09.25	21.10.25	22.10.25	29.10.25

€	Fee for each survey, net prices plus VAT	
		53,00 €
	each additional required pair of samples	37,50 €

➤	Sample material
	full blood or hemolysate, 2 samples each 0,3 ml
➤	Analytes
	HbA1c

GL - Glucose „wet chemistry“

Survey	Application deadline	Sample dispatch date	survey period from to	
GL1/25	18.11.24	07.01.25	13.01.25	25.01.25
GL2/25	17.02.25	18.03.25	24.03.25	05.04.25
GL3/25	19.05.25	17.06.25	23.06.25	05.07.25
GL4/25	18.08.25	16.09.25	22.09.25	04.10.25

€	Fee for each survey, net prices plus VAT	
		33,50 €
	each additional required pair of samples	19,50 €

➤	Sample material
	serum, lyophilized, 2 samples each 2 ml
➤	Analyte
	glucose
➤	Information

The survey „Glucose“ is offered to laboratories that determine glucose only. If further clinical chemistry analytes are to be determined, participation in a „Clinical chemical analytes in serum“ survey is suggested (KS or TR).

Participation in the GL survey covers the analysis of plasma samples and serum samples in equal measure. This means that the requirements according to Table B 1-2a of the Rili-BÄK are fulfilled for both types of material. With regard to glucose, the difference between plasma and serum does not affect the analytical process, but only the pre-analytical process, which is not queried here. The test procedures/methods of the automated analyzers are typically identical for plasma and serum. To determine the reference method values as target values, the control samples that are also used in the proficiency test are used.



GLX - Glucose „POCT“

Survey	Application deadline	Sample dispatch date	survey period from to	
GLX1/25	22.04.25	20.05.25	21.05.25	23.05.25
GLX2/25	29.07.25	26.08.25	27.08.25	29.08.25
GLX3/25	14.10.25	11.11.25	12.11.25	14.11.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples **33,50 €**
19,50 €

➤ **Sample material**

blood preparation, liquid, 2 samples each 0,5 ml

➤ **Analyte**

glucose POCT

➤ **Information**

This survey is especially recommended for laboratories and practices using glucose measuring instruments, which operate on the basis of pre-portioned reagents (Unit-use) (e. g. Accucheck, Accutrend, Ascensia Elite, HemoCue etc.).

GR - Coagulation

Survey	Application deadline	Sample dispatch date	survey period from to	
GR1/25	02.12.24	21.01.25	27.01.25	08.02.25
GR2/25	24.03.25	22.04.25	28.04.25	10.05.25
GR3/25	09.06.25	08.07.25	14.07.25	26.07.25
GR4/25	22.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results **1-5** **63,00 €**
each additional 5 pairs of analytical results **9,00 €**
each additional required pair of samples **37,50 €**

➤ **Sample material**

plasma, lyophilized, 2 samples each 1 ml

➤ **Analytes**

antithrombin III (AT III), activity

fibrinogen

INR

prothrombin time (PT, Quick)

activated partial thromboplastin time (aPTT)

thrombin time

factor II

factor V

factor VII

factor VIII

factor IX

factor X

factor XI

factor XII

factor XIII



HA - Hematology - Full blood count

Survey	Application deadline	Sample dispatch date	survey period from to	
HA1/25	09.12.24	28.01.25	29.01.25	05.02.25
HA2/25	03.03.25	01.04.25	02.04.25	09.04.25
HA3/25	09.06.25	08.07.25	09.07.25	16.07.25
HA4/25	08.09.25	07.10.25	08.10.25	15.10.25

€	Fee for each survey, net prices plus VAT	
		52,00 €
	each additional required pair of samples	39,00 €

➤	Sample material		
	prepared blood, liquid, 2 samples each 2,5 ml		
➤	Analytes		
	erythrocyte count	leukocyte count	MCV
	hematocrit (packed cell volume)	MCH	platelet count
	hemoglobin	MCHC	
➤	Information		
	For the automatic differential count of the leukocytes, please order the survey AD.		
	These samples can not be used for the investigation with QBC systems.		

HB - Hemoglobin and Hematocrit

Survey	Application deadline	Sample dispatch date	survey period from to	
HB1/25	09.12.24	28.01.25	29.01.25	05.02.25
HB2/25	03.03.25	01.04.25	02.04.25	09.04.25
HB3/25	09.06.25	08.07.25	09.07.25	16.07.25
HB4/25	08.09.25	07.10.25	08.10.25	15.10.25

€	Fee for each survey, net prices plus VAT	
		46,00 €
	each additional required pair of samples	33,00 €

➤	Sample material			
	prepared blood, liquid, 2 samples each 2 ml			
➤	Analytes			
	hematocrit	hemoglobin		



HM - Hormones - Group 1

Survey	Application deadline	Sample dispatch date	survey period from to	
HM1/25	18.11.24	07.01.25	13.01.25	01.02.25
HM2/25	24.02.25	25.03.25	31.03.25	19.04.25
HM3/25	19.05.25	17.06.25	23.06.25	12.07.25
HM4/25	11.08.25	09.09.25	15.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results	
1-4	55,00 €
each additional 4 pairs analytical results	5,00 €
each additional required pair of samples	36,00 €

➤ Sample material

serum, lyophilized, 2 samples each 3 ml

➤ Analytes

aldosterone	estradiol-17β	17-OH-progesterone	T3, free	T4, total
cortisol	ferritin	TBG	T3, total	TSH
DHEA-S	progesterone	testosterone	T4, free	

HP - Hormones - Group 2

Survey	Application deadline	Sample dispatch date	survey period from to	
HP1/25	18.11.24	07.01.25	13.01.25	01.02.25
HP2/25	24.02.25	25.03.25	31.03.25	19.04.25
HP3/25	19.05.25	17.06.25	23.06.25	12.07.25
HP4/25	11.08.25	09.09.25	15.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results	
1-2	39,00 €
each additional 4 pairs of analytical results	5,00 €
each additional required pair of samples	25,50 €

➤ Sample material

serum, lyophilized, 2 samples each 3 ml

➤ Analytes

ferritin	IGFBP-3	prolactin
folic acid	insulin	renin / renin-activity
FSH	LH	SHBG
hGH (somatotropin/growth hormone)	parathyroid hormone, intact (PTH)	vitamin B ₁₂
IGF-1	parathyroid hormone, bio-intact (PTH 1-84)	



IG - Serum proteins

Survey	Application deadline	Sample dispatch date	survey period from to	
IG1/25	02.12.24	21.01.25	27.01.25	08.02.25
IG2/25	10.03.25	08.04.25	14.04.25	26.04.25
IG3/25	26.05.25	24.06.25	30.06.25	12.07.25
IG4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results	
1-2	49,00 €
each additional 4 pairs analytical results	5,00 €
each additional required pair of samples	36,00 €

➤ Sample material

serum, liquid, 2 samples each 1 ml

➤ Analytes

albumin	cystatin C	sol. transferrin	IgG
α1-antitrypsin	C3 complement	receptor	IgG1
α1-glycoprotein	C4 complement	IgA	IgG2
coeruloplasmin	haptoglobin t	IgE	IgG3
CRP	prealbumin	IgM	IgG4
CRP qualitative	transferrin		

IS - Immunophenotyping (flow cytometry)

Survey	Application deadline	Sample dispatch date	survey period from to	
IS1/25	20.01.25	17.02.25	18.02.25	20.02.25
IS2/25	04.08.25	01.09.25	02.09.25	04.09.25

€ Fee for each survey, net prices plus VAT

	47,00 €
each additional required pair of samples	30,00 €

➤ Sample material

prepared blood samples, liquid, 2 samples with different analyte concentrations each about 2 ml

➤ Analytes

B-cells	NK-cells	T-suppressor cells
leukocyte count	T-cells	HLA-B *27
lymphocyte count	T-helper cells	

➤ Information

The samples have only a very limited stability.



KL - Clinical chemical analytes in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from to	
KL1/25	25.11.24	14.01.25	20.01.25	01.02.25
KL2/25	17.02.25	18.03.25	24.03.25	05.04.25
KL3/25	19.05.25	17.06.25	23.06.25	05.07.25
KL4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples **49,00 €**
26,50 €

➤	Sample material		
	CSF, lyophilized	2 samples each 3 ml	
	serum, lyophilized	2 samples each 1 ml	
➤	Analytes		
	albumin	IgG	quotients
	total protein	IgA	indices
	glucose	IgM	diagnoses
	lactate		

➤ Information			
The additional serum samples serve to calculate the corresponding quotients.			



KS - Clinical chemical analytes in serum „wet chemistry“

Survey	Application deadline	Sample dispatch date	survey period from to	
KS1/25	18.11.24	07.01.25	13.01.25	18.01.25
KS2/25	13.01.25	11.02.25	17.02.25	22.02.25
KS3/25	24.02.25	25.03.25	31.03.25	05.04.25
KS4/25	07.04.25	06.05.25	12.05.25	17.05.25
KS5/25	26.05.25	24.06.25	30.06.25	05.07.25
KS6/25	07.07.25	05.08.25	11.08.25	16.08.25
KS7/25	25.08.25	23.09.25	29.09.25	04.10.25
KS8/25	06.10.25	04.11.25	10.11.25	15.11.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results	
1-8	48,00 €
each additional 4 pairs analytical results	4,50 €
each additional required pair of samples	26,50 €

➤ Sample material

serum, lyophilized, 2 samples each 5 ml

➤ Analytes

α-amylase	CK, creatine kinase	lipase
α-HBDH, lactate dehydrogenase-1- isoenzyme	iron	lithium
albumin (chem.)	γ-globulin (electrophoresis)	magnesium
albumin (elektrophoresis)	γ-GT, L-γ-glutamyl-transferase	sodium
alkaline phosphatase	protein, total	osmolality
ALT, alanine aminotransferase (GPT)	GLDH, glutamate	pancreatic amylase
AST, aspartate aminotransferase (GOT)	dehydrogenase	phosphorus, inorganic
bilirubin, direct	glucose	acid phosphatase, total
bilirubin, total	uric acid	acid phosphatase, prostate (only enzyme activity)
calcium	urea	triglycerides
calcium, ionized	potassium	
chloride	creatinine	
cholesterol	copper	
cholinesterase	lactate	
	LDH, lactate dehydrogenase	

➤ Information

Participation in the KS survey covers the analysis of plasma samples and serum samples in equal measure. This means that the requirements according to Table B 1-2a of the Rili-BÄK are fulfilled for both types of material. With regard to glucose, the difference between plasma and serum does not affect the analytical process, but only the pre-analytical process, which is not queried here. The test procedures/methods of the automated analyzers are typically identical for plasma and serum. To determine the reference method values as target values, the control samples that are also used in the survey are used.



KU - Clinical chemical analytes in urine

Survey	Application deadline	Sample dispatch date	survey period from to	
KU1/25	25.11.24	14.01.25	20.01.25	01.02.25
KU2/25	17.02.25	18.03.25	24.03.25	05.04.25
KU3/25	19.05.25	17.06.25	23.06.25	05.07.25
KU4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples **46,00 €**
30,00 €

▶ Sample material

urine, lyophilized, 2 samples each 5 ml

▶ Analytes

albumin	urea	Test strip	
α1-microglobulin	IgG	bilirubin	nitrite
α2-macroglobulin	potassium	ketone	specific gravity
calcium, total	creatinine	pH	urobilinogen
chloride	magnesium	protein	
citrate	sodium	glucose	
protein, total	osmolality	hemoglobin	
glucose	oxalate	leukocytes	
uric acid	phosphorus, inorganic	microalbumin	

▶ Information

The test for pregnancy from urine will be offered in a separate survey. Please see at KUST.
A diagnosis of proteinuria can also be given. Clinical information will be available.

LP - Lipoproteins

Survey	Application deadline	Sample dispatch date	survey period from to	
LP1/25	09.12.24	28.01.25	03.02.25	15.02.25
LP2/25	17.03.25	15.04.25	21.04.25	03.05.25
LP3/25	02.06.25	01.07.25	07.07.25	19.07.25
LP4/25	25.08.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples **54,00 €**
33,50 €

▶ Sample material

serum, lyophilized, 2 samples each 3 ml

▶ Analytes

apolipoproteins (A, B)	homocysteine	lipoprotein(a)
cholesterol	LDL	triglycerides
HDL		



NBS - Newborn screening

Survey	Application deadline	Sample dispatch date	survey period from to	
NBS1/25	09.12.24	28.01.25	03.02.25	22.02.25
NBS2/25	03.03.25	01.04.25	07.04.25	26.04.25
NBS3/25	26.05.25	24.06.25	30.06.25	19.07.25
NBS4/25	18.08.25	16.09.25	22.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

50,00 €
each additional required pair of samples 31,50 €

➤ **Sample material**

filter papers, each with 2 dried blood spots

➤ **Analytes**

TSH
17-OH-progesterone
IRT
PAP

NfL - Neurofilament Light Chain

Survey	Application deadline	Sample dispatch date	survey period from to	
NfL1/25	12.05.25	10.06.25	16.06.25	28.06.25
NfL2/25	29.09.25	28.10.25	03.11.25	15.11.25

€ Fee for each survey, net prices plus VAT

58,00 €
each additional required pair of samples 42,00 €

➤ **Sample material**

serum, lyophilized, 2 samples each 0,3 ml

➤ **Analyte**

NfL

OH - Hemoglobin derivatives

Survey	Application deadline	Sample dispatch date	survey period from to	
OH1/25	25.11.24	14.01.25	20.01.25	01.02.25
OH2/25	03.03.25	01.04.25	07.04.25	19.04.25
OH3/25	16.06.25	15.07.25	21.07.25	02.08.25
OH4/25	15.09.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

42,00 €
each additional required pair of samples 24,50 €

➤ **Sample material**

hemolysate, 2 samples each 0,5 ml

➤ **Analytes**

hemoglobin (total)	carboxyhemoglobin (COHb)
oxyhemoglobin (HbO ₂)	methemoglobin (metHb)



OS - Bone metabolism

Survey	Application deadline	Sample dispatch date	survey period from to	
OS1/25	10.03.25	08.04.25	14.04.25	26.04.25
OS2/25	28.07.25	26.08.25	01.09.25	13.09.25

€ Fee for each survey, net prices plus VAT

102,00 €

each additional required pair of samples

59,00 €

➤ **Sample material**

serum, lyophilized, 2 samples each 2 ml

➤ **Analytes**

osteocalcin

CTx (CrossLaps)

bone specific alkaline phosphatase (BAP)

P1NP

PH - Photometer control

Survey	Application deadline	Sample dispatch date	survey period from to	
PH1/25	09.12.24	28.01.25	03.02.25	15.02.25
PH2/25	21.07.25	19.08.25	25.08.25	06.09.25

€ Fee for each survey, net prices plus VAT

34,50 €

each additional required pair of samples

25,00 €

➤ **Sample material**

watery coloured solutions, 6 ampoules each 10 ml

➤ **Wave lengths**

260 nm

334 nm

365 / 366 nm

546 nm

280 nm

340 nm

405 nm

560 nm

➤ **Information**

The participant measures the absorption of the coloured solutions. The survey is an instrument control and can also aid in detecting the smaller inaccuracies of a photometer before they are identified in analyses results. Only the wavelengths listed can be tested.

PM - Preeclampsia marker

Survey	Application deadline	Sample dispatch date	survey period from to	
PM1/25	12.05.25	10.06.25	16.06.25	28.06.25
PM2/25	15.09.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

93,00 €

each additional required pair of samples

47,00 €

➤ **Sample material**

serum, lyophilized, 2 samples each 1 ml

➤ **Analyte**

PLGF

sFLT-1

➤ **Information**

An assessment of pre-eclampsia is also possible. The necessary clinical information is provided.



RE - Reticulocytes

Survey	Application deadline	Sample dispatch date	survey period from to	
RE1/25	09.12.24	28.01.25	29.01.25	05.02.25
RE2/25	03.03.25	01.04.25	02.04.25	09.04.25
RE3/25	09.06.25	08.07.25	09.07.25	16.07.25
RE4/25	08.09.25	07.10.25	08.10.25	15.10.25

€	Fee for each survey, net prices plus VAT			
				63,00 €
		each additional required pair of samples		45,00 €

➤	Sample material	
	blood preparation, liquid, 2 samples each about 1 ml	
➤	Analyte	
	reticulocyte count	
➤	Information	
	The samples can be used for counting by visual microscopy or by automated cell counting.	

RF - Rheumatoid factors

Survey	Application deadline	Sample dispatch date	survey period from to	
RF1/25	13.01.25	11.02.25	17.02.25	01.03.25
RF2/25	31.03.25	29.04.25	05.05.25	17.05.25
RF3/25	23.06.25	22.07.25	28.07.25	09.08.25
RF4/25	25.08.25	23.09.25	29.09.25	11.10.25

€	Fee for each survey, net prices plus VAT			
		material	fee	additional set
		set 1	43,00 €	25,00 €
		set 2	29,00 €	22,00 €
		set 1 and set 2	61,50 €	

➤	Sample material	
	serum, lyophilized, 2 samples each 1 ml	
➤	Analytes	
	set 1	
	rheumatoid factors	qualitative and quantitative
	anti-CCP-Ab (anti-cyclic citrullinated peptide antibodies)	
	IgA-RF	
	IgG-RF	
	IgM-RF	
	set 2	
	anti-streptolysin O	qualitative and quantitative



SA - Thyroid antibodies

Survey	Application deadline	Sample dispatch date	survey period from to	
SA1/25	02.12.24	25.02.25	03.03.25	15.03.25
SA2/25	05.05.25	29.07.25	04.08.25	16.08.25

€ Fee for each survey, net prices plus VAT

61,00 €
each additional required pair of samples **45,50 €**

➤ **Sample material**

serum, lyophilized, 2 samples each 1 ml

➤ **Analytes**

TSH-R Ab: thyrotropin-receptor antibodies (TR Ab)
TPO Ab: thyroid peroxidase antibodies (TPO Ab)
TG Ab: thyroglobulin antibodies (TG Ab)

SD - Pregnancy diagnostic

Survey	Application deadline	Sample dispatch date	survey period from to	
SD1/25	18.11.24	07.01.25	13.01.25	01.02.25
SD2/25	24.02.25	25.03.25	31.03.25	19.04.25
SD3/25	19.05.25	17.06.25	23.06.25	12.07.25
SD4/25	11.08.25	09.09.25	15.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	46,50 €	25,00 €
set 2	39,50 €	28,50 €
set 1 and set 2	78,00 €	

➤ **Sample material**

serum, lyophilized

set 1: 2 samples each 2 ml
set 2: 2 samples each 1 ml

In set 2 (free estriol) nativ, human samples are used.

➤ **Analytes**

set 1
AFP
anti-Müllerian hormone (AMH)
hCG
free β -hCG
PAPP-A
set 2
free estriol

➤ **Information**

The samples offered in this survey will contain analytes in a concentration range relevant for pregnancy diagnostic. For the qualitative test for pregnancy, please order the survey KUST.



SP - Trace elements in urine

Survey	Application deadline	Sample dispatch date	survey period from to	
SP1/25	13.01.25	11.02.25	17.02.25	08.03.25
SP2/25	30.06.25	29.07.25	04.08.25	23.08.25

€ Fee for each survey, net prices plus VAT

55,00 €
each additional required pair of samples 38,00 €

▶ Sample material

urine, lyophilized, 2 samples each 10 (2 × 5) ml

▶ Analytes

aluminium	chromium	fluoride	manganese	selenium
arsenic	cobalt	iron	mercury	zinc
cadmium	copper	lead	nickel	

SV - Saliva diagnostic

Survey	Application deadline	Sample dispatch date	survey period from to	
SV1/25	03.03.25	01.04.25	07.04.25	19.04.25
SV2/25	28.07.25	26.08.25	01.09.25	13.09.25

€ Fee for each survey, net prices plus VAT

38,00 €
each additional required pair of samples 27,00 €

▶ Sample material

saliva preparation, liquid or lyophilized, 2 samples each 2 ml

▶ Analytes

cortisol, 17-OH-progesterone

SW - Sweat analysis

Survey	Application deadline	Sample dispatch date	survey period from to	
SW1/25	10.02.25	11.03.25	17.03.25	29.03.25
SW2/25	07.07.25	05.08.25	11.08.25	23.08.25

€ Fee for each survey, net prices plus VAT

38,00 €
each additional required pair of samples 27,00 €

▶ Sample material

sweat preparation, liquid or lyophilized, 2 samples each 1 ml

▶ Analytes

chloride, conductivity



TH - Thrombophilia screening

Survey	Application deadline	Dispatch date	Closing date
TH1/25	09.12.24	04.03.25	09.04.25
TH2/25		20.05.25	25.06.25
TH3/25		26.08.25	01.10.25
TH4/25		11.11.25	17.12.25

€ Fee for each survey, net prices plus VAT (Standard shipping included)

Please note, that you can only place one order comprising all two or four surveys of the scheme. Ordering a single survey (one/two times a year) is not possible in this case.

Fee

Result submission via internet/report internet, annual subscription fee **162,00 €**

The following prices are valid in each case for all four surveys:

Thrombophilia module I	443,00 €
Thrombophilia module II	180,00 €
Lupus Anticoagulant / Antiphospholipid Antibodies	216,00 €
Von Willebrand Factor module	336,00 €
ADAMTS-13 - I (activity and antigen)	237,00 €
Factor XIII (activity and antigen)	166,00 €
Fibrinolysis parameters I (Plasminogen, Antiplasmin)	163,00 €
Fibrinolysis parameters II (t-PA, PAI-1)	163,00 €
Unfractionated Heparin Monitoring (anti-Xa)	146,00 €
Low-Molecular Weight Heparin Monitoring (anti-Xa)	146,00 €

The following prices are valid in each case for all two surveys:

Faktor VIII Inhibitor	224,00 €
Thrombin generation test	169,00 €
ADAMTS-13 - II (antibodies)	154,00 €
Factor IX Inhibitor	224,00 €
HIT - I (Immunological testing)	253,00 €
ADAMTS-13 - III (functional inhibitor) test	202,00 €

➤ Sample material

plasma or serum, human, lyophilized, ca. 0,5 - 1 ml (1 or 2 sample(s) each)

➤ Analytes 4 per year: TH1/24, TH2/24, TH3/24, TH4/24

Thrombophilia module I

Includes an annual report on the long-term evaluation of test results.

Antithrombin (activity and antigen)

Protein S activity

Protein C (activity [chromogenic and clotting] and antigen)

Protein S antigen (free and total)

Thrombophilia module II (APC Resistance)

Lupus Anticoagulant / Antiphospholipid Antibodies

Von Willebrand Factor module (antigen, ristocetin cofactor activity, activity, collagen binding, multimers, Factor VIII)

ADAMTS-13 - I (activity and antigen)

Factor XIII (activity and antigen)

Fibrinolysis parameters I (Plasminogen, Antiplasmin)

Fibrinolysis parameters II (t-PA, PAI-1)

Unfractionated Heparin Monitoring (anti-Xa)

Low-Molecular Weight Heparin Monitoring (anti-Xa)

➤ Analytes 2 per year:

Faktor VIII Inhibitor (TH2/25 + TH4/25)

Thrombin Generation Test (TH1/25 + TH3/25)

ADAMTS-13 - II (antibodies) (TH2/25 + TH4/25)

Faktor IX Inhibitor (TH1/25 + TH3/25)

HIT - I Immunological testing (TH1/25 + TH3/25)

ADAMTS-13 - III (functional inhibitor) (TH2/25 + TH4/25)



Information

In cooperation with the Dutch organization ECAT, the Reference Institute for Bioanalytics provides special surveys for thrombophilia screening.

The preparation of the survey material, what is in most cases native patient material, the mailing of samples, and the evaluation is done by our colleagues from the Netherlands.

Sample material

The samples will consist of lyophilized human plasma or serum with different volumes (0,5 to 1 ml).

Per analyte or set of analytes, you will get one or two sample(s).

Please note our deadline for the order, and please use for the applications the special application form! We can not accept cancellations during the annual program.

The result submission is only possible via internet.

This survey is not subject of the accredited area of the RfB.

The **registration form** for this survey you will find on page 29/29.

TM - Tumor markers group 1

Survey	Application deadline	Sample dispatch date	survey period from	to
TM1/25	18.11.24	07.01.25	13.01.25	01.02.25
TM2/25	24.02.25	25.03.25	31.03.25	19.04.25
TM3/25	19.05.25	17.06.25	23.06.25	12.07.25
TM4/25	11.08.25	09.09.25	15.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results	
1-2	50,00 €
each additional 4 pairs of analytical results	5,00 €
each additional required pair of samples	39,50 €

Sample material

serum, lyophilized, 2 samples each 2,5 ml

Analytes

AFP	calcitonin	β-2-microglobulin	S-100
CA 15-3	CEA	PAP (only mass concentration, no enzyme activity)	SCC
CA 19-9	CYFRA	PSA	thyroglobulin
CA 72-4	hCG	cPSA (complexed PSA)	TPA
CA 125	NSE	PSA free	TPS

TMX - Tumor markers group 2

Survey	Application deadline	Sample dispatch date	survey period from	to
TMX1/25	18.11.24	07.01.25	13.01.25	01.02.25
TMX2/25	24.02.25	25.03.25	31.03.25	19.04.25
TMX3/25	19.05.25	17.06.25	23.06.25	12.07.25
TMX4/25	11.08.25	09.09.25	15.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

	39,50 €
each additional required pair of samples	29,00 €

Sample material

serum, lyophilized, 2 samples each 1 ml

Analytes

chromogranin A	human epidermal growth factor receptor 2	CA 50
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TR - Clinical chemical analytes in serum „dry chemistry“

Survey	Application deadline	Sample dispatch date	survey period from to	
TR1/25	18.11.24	07.01.25	13.01.25	25.01.25
TR2/25	17.02.25	18.03.25	24.03.25	05.04.25
TR3/25	26.05.25	24.06.25	30.06.25	12.07.25
TR4/25	22.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

evaluation pair analytical results	
1-8	48,00 €
each additional 4 pairs of analytical results	5,00 €
each additional required pair of samples	25,50 €

➤ Sample material

serum, lyophilized, 2 samples each 5 ml

➤ Analytes

α-amylase	iron	lithium
albumin	γ-GT, L-γ-glutamyl transferase	magnesium
alkaline phosphatase	protein, total	sodium
ALT, alanine-aminotransferase (GPT)	glucose	pancreatic amylase
AST, aspartate-aminotransferase (GOT)	uric acid	phosphorus inorganic
bilirubin, total	urea	triglycerides
calcium	potassium	
chloride	creatinine	
cholesterol	lactate	
cholinesterase	LDH, lactate dehydrogenase	
CK, creatine kinase	lipase	

➤ Information

This offer is addressed to users of Vitros and Reflotron systems and other „dry chemistry“ instruments.

VT - Vitamins and analgesics

Survey	Application deadline	Sample dispatch date	survey period from to	
VT1/25	27.01.25	25.02.25	03.03.25	15.03.25
VT2/25	30.06.25	29.07.25	04.08.25	16.08.25

€ Fee for each survey, net prices plus VAT

	49,50 €
each additional required pair of samples	31,00 €

➤ Sample material

serum, lyophilized, 2 samples each 3 ml

➤ Analytes

vitamin A	(retinol)	folic acid
vitamin B ₆	(pyridoxal-5-phosphate)	salicylic acid
vitamin B ₁₂	(cyanocobalamin)	paracetamol/acetaminophen
vitamin B ₁	(thiamine)	
vitamin D	25-OH-D3 (25-OH-cholecalciferol), 25-(OH) ₂ -D3 and 25-OH-vitamin D total	
vitamin E	(tocopherol)	



ZL - Cell count in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from to	
ZL1/25	25.11.24	25.02.25	03.03.25	08.03.25
ZL2/25	09.06.25	09.09.25	15.09.25	20.09.25

€ Fee for each survey, net prices plus VAT

78,00 €
each additional required pair of samples 53,50 €

➤ Sample material

punctuated, liquid, 2 samples each about 2 ml

➤ Analytes

erythrocyte count
leukocyte count

➤ Information

In this survey, erythrocytes (RBC) and leukocytes (WBC) can be counted with visual methods (microscope) or electronic methods from a cerebrospinal fluid. This survey is only addressed to methods that can detect erythrocytes < 500/μl. If the detection limit of the method for erythrocytes = 1,000/μl, participation in the survey Bodyfluid (BF) is recommended.

ZY - Cytokines

Survey	Application deadline	Sample dispatch date	survey period from to	
ZY1/25	13.01.25	11.02.25	17.02.25	01.03.25
ZY2/25	24.03.25	22.04.25	28.04.25	10.05.25
ZY3/25	23.06.25	22.07.25	28.07.25	09.08.25
ZY4/25	22.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

50,00 €
each additional required pair of samples 33,50 €

➤ Sample material

serum, lyophilized, 2 samples each 2 ml

➤ Analytes

Interleukin-1 β (IL-1 β)	lipopolysaccharide-binding-protein (LBP)
Interleukin-6 (IL-6)	procalcitonin (PCT)
Interleukin-8 (IL-8)	soluble IL-2 receptor (sIL-2R)
Interleukin-10 (IL-10)	tumor necrosis factor-alpha (TNFα)

PCT-POCT
IL-6-POCT



Qualitative determinations

AI - Antinuclear antibodies

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AI1/25	09.12.24	18.02.25	24.02.25	08.03.25
AI2/25	02.06.25	12.08.25	18.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	83,00 €	46,00 €
set 2	78,50 €	46,00 €
set 1 and set 2	145,00 €	

➤ Sample material

serum/plasma, lyophilized

set 1: about 6 samples each 0,5 ml

set 2: about 6 samples each 0,5 ml

➤ Analytes

set 1

ANA (antinuclear ab)

ENA (extractable antinuclear ab)

ds-DNA-ab

ANCA (antineutrophil cytoplasmatic ab)

set 2

AMA (antimitochondrial ab)

SMA (smooth muscle ab)

LKM-1 (liver-kidney-microsomes)

GBM (glomerular base membran ab)

Antiphospholipide ab

Celiac disease ab

Onconeural ab

AL - Allergology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AL1/25	06.01.25	04.02.25	10.02.25	22.02.25
AL2/25	31.03.25	29.04.25	05.05.25	17.05.25
AL3/25	23.06.25	22.07.25	28.07.25	09.08.25
AL4/25	25.08.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

material	fee	additional set
set 1	33,50 €	14,50 €
set 2	73,00 €	49,50 €
set 1 and set 2	88,50 €	

➤ Sample material

serum/plasma, lyophilized set 1: 2 samples each 1 ml, for IgE total

serum/plasma, lyophilized set 2: 2 samples each 1 ml, for specific IgE antibodies

The volume of the specimens can be different depending on the producer.

The samples for the determination of specific IgE-antibodies (set 2) contain seasonal and perennial allergens from inhalation, food, and insects. Expected the following allergens will be offered (changes may be possible):

AL1/25: Barley pollen (g201), Horse dander (e3), Mite (d1), Peanut (f13), Salmon (f41), Wasp venom (i3)

AL2/25: Bee venom (i1), Ficus benjamina (k81), Mite (d2), Rye, cultivated (g12), Soybean (f14), Wasp venom (i3)

AL3/25: Alder pollen (t2), Bee venom (i1), Dog dander (e5), Hazel pollen (t4), House dust (h1), Wheat flour (f4)

AL4/25: Apple (f49), Cat dander (e1), Maple pollen (t1), Peach (f95), Ribwort plantain (w9), Wasp venom (i3)

➤ Analytes

IgE specific IgE antibodies

➤ Information

From a large number of possible IgE-antibodies, we will supply changing groups of antibodies for investigation. It is also possible to give a classification of the stage of sensibilisation.



BorrBimm - Anti-Borrelia burgdorferi

Survey	Application deadline	Sample dispatch date	survey period from to	
BorrBimm1/25	06.01.25	04.03.25	10.03.25	22.03.25
BorrBimm2/25	21.07.25	23.09.25	29.09.25	11.10.25

€ Fee for each survey, net prices plus VAT

61,00 €

each additional required pair of samples

34,50 €

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

➤ **Analytes**

Anti-Borrelia burgdorferi IgG,
including confirmation test

Anti-Borrelia burgdorferi IgM

Anti-Borrelia burgdorferi total

CMVimm - CMV Serology

Survey	Application deadline	Sample dispatch date	survey period from to	
CMVimm1/25	30.12.24	04.03.25	10.03.25	22.03.25
CMVimm2/25	07.07.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

100,00 €

each additional required pair of samples

52,00 €

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

➤ **Analytes**

Anti-CMV IgG + total

Anti-CMV IgM

DF - Hematology - Differential blood count

Survey	Application deadline	Sample dispatch date	survey period from to	
DF1/25	02.12.24	21.01.25	27.01.25	08.02.25
DF2/25	17.03.25	15.04.25	21.04.25	03.05.25
DF3/25	09.06.25	08.07.25	14.07.25	26.07.25
DF4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

51,00 €

each additional required pair of samples

31,50 €

➤ **Sample material**

2 blood slides, **stained** Pappenheim. Both slides are normally also available by smears of virtual microscopy

➤ **Information**

Differentiation in %; morphology of leukocytes, erythrocytes and thrombocytes as well as quantitative change in leukocytes and thrombocytes, tentative diagnosis.



DS - Drug screening in urine

Survey	Application deadline	Sample dispatch date	survey period from to	
DS1/25	06.01.25	04.02.25	10.02.25	22.02.25
DS2/25	31.03.25	29.04.25	05.05.25	17.05.25
DS3/25	16.06.25	15.07.25	21.07.25	02.08.25
DS4/25	22.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples **67,00 €**
40,50 €

▶ Sample material

urine, lyophilized, 2 samples each 10 ml

▶ Analytes

amphetamine	(about 30 different)	methadon/metab.	
barbiturates	(about 30 different)	methylphenidate	
benzodiazepines	(about 50 different)	opiates/opioide	(about 30 different)
buprenorphine		phencyclidine	
cannabinoids		pregabalin	
cocain/metab.		tramadol	
fentanyl		tricycl. antidepressants	(about 10 different)
LSD			

▶ Information

Per survey, the samples do contain selected drugs from a lot of substances of a drug group. The parameters specified in this survey are to be determined primarily by means of qualitative immunoassays. In this survey, users of chromatographic methods are required to merely provide the confirmatory analysis for one lead compound. We offer systematic toxicological analysis in the SX survey as well as in the TX survey, which is additionally to be assessed clinically with a case history.

EBVimm - Epstein-Barr-Virus serology

Survey	Application deadline	Sample dispatch date	survey period from to	
EBVimm1/25	13.01.25	18.02.25	24.02.25	08.03.25
EBVimm2/25	04.08.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples **94,00 €**
47,00 €

▶ Sample material

plasma, 4 samples, each 500 µl
Infectious material, UN3373, biological substance category B

▶ Analytes

EBV-EBNA	IgG
EBV-VCA	IgG + IgM
EBV-EA (early antigen)	IgG



HAVimm - HAV serology

Survey	Application deadline	Sample dispatch date	survey period from to	
HAVimm1/25	30.12.24	04.03.25	10.03.25	22.03.25
HAVimm2/25	07.07.25	09.09.25	15.09.25	27.09.25

€	Fee for each survey, net prices plus VAT	
		79,00 €
	each additional required pair of samples	54,00 €

- **Sample material**
4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

- **Analytes**
Anti-HAV IgG Anti-HAV IgM Anti-HAV total

HBVimm1 - HBV serology minor

Survey	Application deadline	Sample dispatch date	survey period from to	
HBVimm11/25	30.12.24	04.03.25	10.03.25	22.03.25
HBVimm12/25	07.07.25	09.09.25	15.09.25	27.09.25

€	Fee for each survey, net prices plus VAT	
		105,00 €
	each additional required pair of samples	54,00 €

- **Sample material**
4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

- **Analytes**
HBsAg Anti-HBs Anti-HBc
including confirmation test

HBVimm2 - HBV serology major

Survey	Application deadline	Sample dispatch date	survey period from to	
HBVimm21/25	30.12.24	04.03.25	10.03.25	22.03.25
HBVimm22/25	07.07.25	09.09.25	15.09.25	27.09.25

€	Fee for each survey, net prices plus VAT	
		134,00 €
	each additional required pair of samples	64,00 €

- **Sample material**
4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

- **Analytes**
HBsAg Anti-HBc Anti-HBe
Anti-HBs HBe Anti-HBc-IgM
including confirmation test



HCVimm - HCV serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HCVimm1/25	30.12.24	04.03.25	10.03.25	22.03.25
HCVimm2/25	07.07.25	09.09.25	15.09.25	27.09.25

€	Fee for each survey, net prices plus VAT	
		100,00 €
	each additional required pair of samples	54,00 €

- **Sample material**
4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

- **Analytes**
Anti-HCV IgG + IgM

HerpVimm - Herpes viruses serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HerpVimm1/25	13.01.25	18.02.25	24.02.25	08.03.25
HerpVimm2/25	04.08.25	09.09.25	15.09.25	27.09.25

€	Fee for each survey, net prices plus VAT	
		set 1 88,50 €
		set 2 88,50 €
		set 1 + 2 147,00 €
	each additional required pair of samples	48,00 €

- **Sample material**
plasma, 4 samples, each 500 µl
Infectious material, UN3373, biological substance category B

- **Analytes**
Set 1: Anti-HSV -1/-2, IgG + IgM
Set 2: Anti-VZV, IgG + IgM

HIVimm - HIV serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HIVimm1/25	30.12.24	04.03.25	10.03.25	22.03.25
HIVimm2/25	07.07.25	09.09.25	15.09.25	27.09.25

€	Fee for each survey, net prices plus VAT	
		131,00 €
	each additional required pair of samples	63,00 €

- **Sample material**
4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

- **Analytes**
Anti-HIV -1/-2 Ak / Ag(p24)



HS - Urinary calculus

Survey	Application deadline	Sample dispatch date	survey period from to	
HS1/25	06.01.25	04.02.25	10.02.25	22.02.25
HS2/25	30.06.25	29.07.25	04.08.25	16.08.25

€	Fee for each survey, net prices plus VAT	46,00 €
	each additional required pair of samples	23,00 €

➤ **Sample material**

4 samples of pulverized urinary calculus components (pure, mixed, human stones)

➤ **Information**

Together with the evaluation of the survey, you will get IR-spectra, which you can collect for an IR-catalog.

HTLVimm - Human T-lymphotropic virus

Survey	Application deadline	Sample dispatch date	survey period from to	
HTLVimm1/25	06.01.25	04.02.25	10.02.25	22.02.25
HTLVimm2/25	30.06.25	29.07.25	04.08.25	16.08.25

€	Fee for each survey, net prices plus VAT	102,00 €
	each additional required pair of samples	49,00 €

➤ **Sample material**

plasma, 4 samples, each 1 ml
Infectious material, UN3373, biological substance category B

➤ **Analyt**

Anti-HTLV -1/-2 IgG

IA - Immunohematology for automated systems

Survey	Application deadline	Sample dispatch date	survey period from to	
IA1/25	09.12.24	28.01.25	29.01.25	08.02.25
IA2/25	17.03.25	15.04.25	16.04.25	26.04.25
IA3/25	23.06.25	22.07.25	23.07.25	02.08.25
IA4/25	15.09.25	14.10.25	15.10.25	25.10.25

€	Fee for each survey, net prices plus VAT	90,00 €
	each additional required pair of samples	43,50 €

➤ **Sample material**

whole blood, liquid 2 samples each about 2,5 ml

➤ **Analytes**

AB0-system (blood groups)	Cw antigen
A-subgroups	Kell antigen
rhesus-factor (D-variants)	direct Coombs' test
rhesus-system (rhesus-formula)	antibody test



IH - Immunohematology Major (extended offer)

Survey	Application deadline	Sample dispatch date	survey period from to	
IH1/25	13.01.25	11.02.25	12.02.25	22.02.25
IH2/25	31.03.25	29.04.25	30.04.25	10.05.25
IH3/25	09.06.25	08.07.25	09.07.25	19.07.25
IH4/25	01.09.25	30.09.25	01.10.25	11.10.25

€ Fee for each survey, net prices plus VAT

66,00 €

each additional required pair of samples

32,50 €

➤ Sample material

erythrocyte suspension, liquid
serum, liquid

2 samples each about 2 ml
2 samples each about 6 ml

➤ Analytes

AB0-system (blood groups)
A-subgroups
rhesus-factor (D-variants)
rhesus-system (rhesus-formula)

Cw antigen
Kell antigen
direct Coombs' test
antibody test

antibody differentiation (serum)
antibody titer

➤ Information

In this survey - in addition to the analytes of the basic program (Minor) - includes antibody differentiation.

IM - Immunohematology Minor (basic programm)

Survey	Application deadline	Sample dispatch date	survey period from to	
IM1/25	13.01.25	11.02.25	12.02.25	22.02.25
IM2/25	31.03.25	29.04.25	30.04.25	10.05.25
IM3/25	09.06.25	08.07.25	09.07.25	19.07.25
IM4/25	01.09.25	30.09.25	01.10.25	11.10.25

€ Fee for each survey, net prices plus VAT

56,50 €

each additional required pair of samples

27,50 €

➤ Sample material

erythrocyte suspension, liquid
serum, liquid

2 samples about 2 ml
2 samples about 3 ml

➤ Analytes

AB0-system (blood groups)
A-subgroups
rhesus-factor (D-variants)

rhesus-system (rhesus-formula)
Cw antigen

Kell antigen
direct Coombs' test
antibody test



KUST - Clinical chemistry in urine, test strip and pregnancy test, qualitative

Survey	Application deadline	Sample dispatch date	survey period from to	
KUST1/25	25.11.24	14.01.25	20.01.25	01.02.25
KUST2/25	17.02.25	18.03.25	24.03.25	05.04.25
KUST3/25	19.05.25	17.06.25	23.06.25	05.07.25
KUST4/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 28,00 €
17,00 €

➤ Sample material

urine, lyophilized qualitative, 2 samples each 5 ml, investigation for test strips

➤ Analytes

Test strip			pregnancy test
bilirubin	protein	leukocytes	
ketone	glucose	nitrite	
pH	microalbumin	specific gravity	
	hemoglobin	urobilinogen	

MaMulmm - Morbilli and mumps serology

Survey	Application deadline	Sample dispatch date	survey period from to	
MaMulmm1/25	13.01.25	18.02.25	24.02.25	08.03.25
MaMulmm2/25	04.08.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

set 1 87,50 €
set 2 87,50 €
set 1 + 2 149,00 €
each additional required pair of samples 47,00 €

➤ Sample material

plasma, 4 samples, each 500 µl, Infectious material, UN3373, biological substance category B

➤ Analytes

set 1: anti morbilli virus IgG + IgM
set 2: anti mumps virus IgG + IgM



OB - Oligoclonal bands in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from to	
OB1/25	27.01.25	25.02.25	03.03.25	22.03.25
OB2/25	14.07.25	12.08.25	18.08.25	06.09.25

€	Fee for each survey, net prices plus VAT		46,00 €
	each additional required pair of samples		25,00 €

➤ Sample material

CSF, lyophilized or liquid 2 samples each 1 ml
serum, lyophilized or liquid 2 samples each 1 ml

➤ Analytes

oligoclonal bands in cerebrospinal fluid; diagnosis can be given.

pVB19imm - Parvovirus B19 serology

Survey	Application deadline	Sample dispatch date	survey period from to	
pVB19imm1/25	30.12.24	04.03.25	10.03.25	22.03.25
pVB19imm2/25	07.07.25	09.09.25	15.09.25	27.09.25

€	Fee for each survey, net prices plus VAT		103,00 €
	each additional required pair of samples		54,50 €

➤ Sample material

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

➤ Analytes

Anti-Parvovirus B19 IgG + total Anti-Parvovirus B19 IgM

RoetLimm - Anti-Rubella-Virus

Survey	Application deadline	Sample dispatch date	survey period from to	
RoetLimm1/25	06.01.25	04.03.25	10.03.25	22.03.25
RoetLimm2/25	21.07.25	23.09.25	29.09.25	11.10.25

€	Fee for each survey, net prices plus VAT		53,00 €
	each additional required pair of samples		28,50 €

➤ Sample material

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

➤ Analytes

Anti-Rubella-Virus IgG Anti-Rubella-Virus IgM



SX - Systematic toxicologic analysis

Survey	Application deadline	Sample dispatch date	survey period from to	
SX1/25	17.03.25	15.04.25	21.04.25	10.05.25
SX2/25	07.07.25	05.08.25	11.08.25	30.08.25

€	Fee for each survey, net prices plus VAT	96,00 €
	each additional required pair of samples	63,00 €

▶ Sample material

urine, lyophilized, 2 samples each 10 ml

▶ Analytes

From a list of 30 substances (www.rfb.bio/cgi/anaLists/SX/en), the proof of 6 - 8 substances with chromatographic methods is required in both samples.

ToxoGimm - Anti-Toxoplasma-gondii

Survey	Application deadline	Sample dispatch date	survey period from to	
ToxoGimm1/25	06.01.25	04.03.25	10.03.25	22.03.25
ToxoGimm2/25	21.07.25	23.09.25	29.09.25	11.10.25

€	Fee for each survey, net prices plus VAT	54,00 €
	each additional required pair of samples	30,50 €

▶ Sample material

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

▶ Analytes

Anti-Toxoplasma-gondii IgG Anti-Toxoplasma-gondii IgM Anti-Toxoplasma-gondii total

TrepPimm - Anti-Treponema pallidum

Survey	Application deadline	Sample dispatch date	survey period from to	
TrepPimm1/25	06.01.25	04.03.25	10.03.25	22.03.25
TrepPimm2/25	21.07.25	23.09.25	29.09.25	11.10.25

€	Fee for each survey, net prices plus VAT	53,50 €
	each additional required pair of samples	30,00 €

▶ Sample material

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

▶ Analytes

Anti-Treponema pallidum IgG Anti-Treponema pallidum IgM Anti-Treponema pallidum total



TX - Toxicologic analyses

Survey	Application deadline	Sample dispatch date	survey period from to	
TX1/25	06.01.25	04.02.25	10.02.25	22.02.25
TX2/25	16.06.25	15.07.25	21.07.25	02.08.25

€	Fee for each survey, net prices plus VAT	57,00 €
	each additional required pair of samples	42,00 €

▶ Sample material

urine, lyophilized	2 samples 5 ml
serum, lyophilized	1 sample 5 ml

▶ Analytes

qualitative search for foreign substances in urine/serum

▶ Information

The samples contain one or more pharmaceutical drugs or toxic agents. Together with a patient history, the substances found should be interpreted. In general, the use of chromatographic methods is essential to succeed in this survey.

US - Urine sediment

Survey	Application deadline	Dispatch date of instruction	survey period from to	
US1/25	10.02.25	11.03.25	17.03.25	12.04.25
US2/25	18.08.25	16.09.25	22.09.25	18.10.25

€	Fee for each survey, net prices plus VAT	26,50 €
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▶ Sample material

web-based, virtual microscopy of two urine sediments

▶ Analytes

Qualitative and semi-quantitative determinations
Morphology

VariAimm - Various immunological analytes

Survey	Application deadline	Sample dispatch date	survey period from to	
VariAimm1/25	06.01.25	04.03.25	10.03.25	22.03.25
VariAimm2/25	21.07.25	23.09.25	29.09.25	11.10.25

€	Fee for each survey, net prices plus VAT	48,00 €
	each additional required pair of samples	29,00 €

▶ Sample material

4 liquid samples of defibrinated plasma or serum
Infectious material, UN3373, biological substance category B

▶ Analytes

set 1: Anti-Echinococcus IgG
set 2: Anti-Entamoeba histolytica IgG
set 3: Anti-Plasmodium total
set 4: Anti-Schistosoma IgG
set 5: Anti-Candida albicans IgG
set 6: Anti-Streptokokken-Desoxyribonuklease IgG



ZZ - Cerebrospinal fluid cytology

Survey	Application deadline	Dispatch date of instruction	survey period from to	
ZZ1/25	07.04.25	06.05.25	12.05.25	24.05.25
ZZ2/25	18.08.25	16.09.25	22.09.25	04.10.25

€ Fee for each survey, net prices plus VAT

47,00 €

➤ **Sample material**

web-based assessment of cytospin preparation with clinical case history, 2 samples

➤ **Analytes**

Both preparations are to be assessed for morphology and diagnosis



Direct detection of pathogens

BA - Bacteriology Major

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BA1/25	10.02.25	06.05.25	12.05.25	24.05.25
BA2/25	07.07.25	30.09.25	06.10.25	18.10.25

€ Fee for each survey, net prices plus VAT

100,00 €

➤ **Sample material**

lyophilized control samples, 5 strains (samples A to E)
Infectious material, UN3373, biological substance category B

➤ **Investigation target**

identification and resistance testing

BakNAT1 - Genome evidence group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BakNAT11/25	24.03.25	13.05.25	19.05.25	31.05.25
BakNAT12/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

one set
each additional required set

179,00 €
63,00 €

➤ **Sample material**

lyophilized DNA, 4 samples
Infectious material, UN3373, biological substance category B

➤ **Analytes**

set 1: Bordetella pertussis
set 2: Chlamydia pneumoniae
set 3: Mycoplasma pneumoniae
set 6: Legionella pneumophila
set 7: MRSA



BakNAT2 - Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BakNAT21/25	24.03.25	13.05.25	19.05.25	31.05.25
BakNAT22/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

one set	179,00 €
each additional required set	63,00 €

➤ Sample material

lyophilized DNA, 4 samples
Infectious material, UN3373, biological substance category B

➤ Analytes

set 1: Salmonella enterica (Set 1 can currently only be shipped within EU.)
set 2: EHEC/STEC (Set 2 can currently only be shipped within EU.)
set 3: Helicobacter pylori
set 4: Listeria monocytogenes
set 5: Borrelia burgdorferi

BakNAT3 - Genome evidence group 3

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BakNAT31/25	24.03.25	13.05.25	19.05.25	31.05.25
BakNAT32/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

one set	179,00 €
each additional required set	63,00 €

➤ Sample material

lyophilized DNA, 4 samples
Infectious material, UN3373, biological substance category B

➤ Analytes

set 1: Chlamydia trachomatis
set 2: Neisseria gonorrhoeae

BakNAT4 - Genome evidence group 3

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BakNAT41/25	24.03.25	13.05.25	19.05.25	31.05.25
BakNAT42/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

one set	179,00 €
each additional required set	63,00 €

➤ Sample material

lyophilized DNA, 4 samples
Infectious material, UN3373, biological substance category B

➤ Analytes

set 1: Coxiella burnetii
set 2: Francisella tularensis

➤ Information

The samples can currently only be shipped within EU.



BAK-TK - Proficiency panel to detect bacteria in platelet concentrates

Survey	Application deadline	Sample dispatch date	survey period from to	
BAK-TK1/25 Set 1	14.04.25	07.05.25	08.05.25	09.05.25
BAK-TK1/25 Set 2 + 3	14.04.25	07.05.25	08.05.25	21.05.25
BAK-TK2/25 Set 1	13.10.25	12.11.25	13.11.25	14.11.25
BAK-TK2/25 Set 2 + 3	13.10.25	12.11.25	26.11.25	13.11.25

€ Fee for each survey, net prices plus VAT

set 1	203,00 €	set 1 + 2	256,00 €
set 2	153,00 €	set 2 + 3	256,00 €
		set 1 + 2 + 3	359,00 €

➤ Sample material

set 1: 6 samples of platelet concentrates
 set 2 + 3: 6 samples of platelet concentrates
 Infectious material, UN3373, biological substance category B

➤ Investigation target

set 1: Detection with rapid methods
 set 2: Detection with culture methods
 set 3: Identification of bacteria

➤ Information

Set 3 can only be ordered in conjunction with set 2.
Due to German postal regulations for infectious material, these surveys cannot be delivered to participants outside Germany.

BM - Bacteriology Minor

Survey	Application deadline	Sample dispatch date	survey period from to	
BM1/25	10.02.25	06.05.25	12.05.25	24.05.25
BM2/25	07.07.25	30.09.25	06.10.25	18.10.25

€ Fee for each survey, net prices plus VAT

79,00 €

➤ Sample material

lyophilized control samples, 3 strains (samples A to C)
 Infectious material, UN3373, biological substance category B

➤ Investigation target

identification and resistance testing



B-Stscre - B-Streptococci screening

Survey	Application deadline	Sample dispatch date	survey period from to	
B-Stscre1/25	27.01.25	18.03.25	24.03.25	05.04.25
B-Stscre2/25	18.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

90,00 €

▶ **Sample material**

4 samples, gel smear tubes, Infectious material, UN3373, biological substance category B

▶ **Analytes**

B-Streptococci screening for cultural evidence and NAT-methods

CdToxin - Clostridioides (Clostridium) difficile toxin genome

Survey	Application deadline	Sample dispatch date	survey period from to	
CdToxin1/25	27.01.25	18.03.25	24.03.25	05.04.25
CdToxin2/25	18.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

135,00 €

each additional required pair of samples

53,50 €

▶ **Sample material**

4 lyophilized control samples
Infectious material, UN3373, biological substance category B

▶ **Analyte**

Clostridioides (Clostridium) difficile toxin genome
Detection Ribotype 027

ChlamTra - Chlamydia trachomatis AG

Survey	Application deadline	Sample dispatch date	survey period from to	
ChlamTra1/25	24.03.25	13.05.25	19.05.25	31.05.25
ChlamTra2/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

53,00 €

each additional required pair of samples

29,00 €

▶ **Sample material**

urine, 4 samples, each 0,5 ml
Infectious material, UN3373, biological substance category B

▶ **Analyte**

Chlamydia trachomatis antigen



CoVag - Evidence of SARS-CoV-2 antigen

Survey	Application deadline	Sample dispatch date	survey period from to	
CoVag1/25	30.12.24	25.02.25	03.03.25	15.03.25
CoVag2/25	09.06.25	12.08.25	18.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 165,00 €
63,00 €

➤ **Sample material**

4 samples, inactive virus in 1 ml cell culture supernatant
Infectious material, UN3373, biological substance category B

➤ **Analyte**

SARS-CoV-2 antigen

➤ **Information**

The samples can currently only be shipped within EU.

CoVpcr - Genome evidence of SARS-CoV-2

Survey	Application deadline	Sample dispatch date	survey period from to	
CoVpcr1/25	30.12.24	25.02.25	03.03.25	15.03.25
CoVpcr2/25	09.06.25	12.08.25	18.08.25	30.08.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 225,00 €
63,00 €

➤ **Sample material**

4 samples, inactive virus in 1 ml cell culture supernatant
Infectious material, UN3373, biological substance category B

➤ **Analyte**

Qualitative evidence of SARS-CoV-2 genome

➤ **Information**

The samples can currently only be shipped within EU.

CrypCand - Cryptococcus neoformans and candida albicans antigen

Survey	Application deadline	Sample dispatch date	survey period from to	
CrypCand1/25	13.01.25	18.02.25	24.02.25	08.03.25
CrypCand2/25	04.08.25	09.09.25	15.09.25	27.09.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 65,00 €
29,00 €

➤ **Sample material**

serum, 4 samples, each 0,5 ml
Infectious material, UN3373, biological substance category B

➤ **Analytes**

Cryptococcus neoformans and Candida albicans antigen



DermPCR – Genome evidence of dermatophytes

Survey	Application deadline	Sample dispatch date	survey period from to	
DermPCR1/25	27.01.25	18.03.25	24.03.25	05.04.25
DermPCR2/25	18.08.25	07.10.25	13.10.25	25.10.25

€	Fee for each survey, net prices plus VAT	
		175,00 €
	each additional required pair of samples	70,00 €

- **Sample material**
lyophilized DNA, 4 samples
Infectious material, UN3373, biological substance category B

- **Analytes**
Pathogen-specific genome detection of dermatophytes using NAT methods

GP - Gram-staining

Survey	Application deadline	Sample dispatch date	survey period from to	
GP1/25	16.12.24	18.02.25	24.02.25	08.03.25
GP2/25	09.06.25	12.08.25	18.08.25	30.08.25

€	Fee for each survey, net prices plus VAT	
		42,00 €
	each additional required pair of samples	17,50 €

- **Sample material**
2 fixed unstained smears

- **Examination**
Judgement of staining and morphology

HEVpcr - Hepatitis E virus

Survey	Application deadline	Sample dispatch date	survey period from to	
HEVpcr1/25	06.01.25	04.02.25	10.02.25	22.02.25
HEVpcr2/25	30.06.25	29.07.25	04.08.25	16.08.25

€	Fee for each survey, net prices plus VAT	
		156,00 €
	each additional required pair of samples	62,00 €

- **Sample material**
human plasma, 4 samples (liquid ready to use)
Infectious material, UN3373, biological substance category B

- **Analyte**
HEV-RNA



Infl-RSV - Influenza and RSV antigen evidence

Survey	Application deadline	Sample dispatch date	survey period from to	
Infl-RSV1/25	17.02.25	22.04.25	28.04.25	10.05.25
Infl-RSV2/25	11.08.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

one set 91,00 €
both sets 134,00 €

➤ Sample material

NaCl-matrix, 4 samples, each 1 ml
Infectious material, UN3373, biological substance category B

➤ Analytes

set 1: Influenza antigen
set 2: RSV antigen

MMRpcr - Genome evidence measles, mumps, rubella

Survey	Application deadline	Sample dispatch date	survey period from to	
MMRpcr1/25	20.01.25	25.03.25	31.03.25	12.04.25
MMRpcr2/25	04.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

one set 163,00 €
each additional required set 58,00 €

➤ Sample material

4 samples, virus material in plasma
Infectious material, UN3373, biological substance category B

➤ Analytes

Set 1: Measels virus
Set 2: Mumps virus
Set 3: Rubella virus

MRGNscre - MRGN Screening

Survey	Application deadline	Sample dispatch date	survey period from to	
MRGNscre1/25	27.01.25	18.03.25	24.03.25	05.04.25
MRGNscre2/25	18.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

136,00 €
each additional required pair of samples 53,00 €

➤ Sample material

4 samples, gel smear tubes
Infectious material, UN3373, biological substance category B

➤ Analytes

MRGN screening (pathogen identification, resistance status)
Molecular diagnostic proof of carbapenemases (optional, not part of the certificate)



MRSAscre - MRSA Screening

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MRSAscre1/25	24.03.25	13.05.25	19.05.25	31.05.25
MRSAscre2/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

93,00 €

each additional required pair of samples

40,00 €

➤ **Sample material**

4 eSwab tubes, 1 ml
Infectious material, UN3373, biological substance category B

➤ **Analytes**

MRSA Screening for cultural evidence and NAT-methods
Detection Panton-Valentine leucocidin (PVL)

➤ **Information**

The samples can currently only be shipped within EU.

MykCult - Cultivation and identification of fungi

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MykCult1/25	24.03.25	13.05.25	19.05.25	07.06.25
MykCult2/25	01.09.25	21.10.25	27.10.25	15.11.25

€ Fee for each survey, net prices plus VAT

54,00 €

each additional required pair of samples

33,50 €

➤ **Sample material**

4 samples, gel smear tubes, Infectious material, UN3373, biological substance category B

➤ **Analytes**

Cultivation and identification of fungi

MykIdent - Identification of fungi

Survey	Application deadline	Dispatch date of instruction	survey period	
			from	to
MykIdent1/25	17.02.25	18.03.25	24.03.25	05.04.25
MykIdent2/25	08.09.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

65,00 €

➤ **Sample material**

virtual microscopy of 2 preparations

➤ **Analytes**

Identification of fungi



NoroPCR - Norovirus PCR

Survey	Application deadline	Sample dispatch date	survey period from to	
NoroPCR1/25	20.01.25	25.03.25	31.03.25	12.04.25
NoroPCR2/25	28.07.25	30.09.25	06.10.25	18.10.25

€ Fee for each survey, net prices plus VAT

169,00 €

➤ **Sample material**

NaCl-matrix, liquid, 4 samples, Infectious material, UN3373, biological substance category B

➤ **Analyte**

Norovirus RNA

ParasitB - Parasites in blood

Survey	Application deadline	Dispatch date of instruction	survey period from to	
ParasitB1/25	24.03.25	22.04.25	28.04.25	10.05.25
ParasitB2/25	15.09.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

68,00 €

➤ **Sample material**

virtual microscopy, one or more visual fields of 2 preparations

➤ **Analytes**

Parasites in blood

ParasitS - Parasites in stool

Survey	Application deadline	Dispatch date of instruction	survey period from to	
ParasitS1/25	24.03.25	22.04.25	28.04.25	10.05.25
ParasitS2/25	15.09.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

68,00 €

➤ **Sample material**

virtual microscopy, one or more visual fields of 2 preparations

➤ **Analytes**

Parasites in stool



PolyVir1 - Genome evidence group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
PolyVir11/25	03.03.25	06.05.25	12.05.25	24.05.25
PolyVir12/25	11.08.25	14.10.25	20.10.25	01.11.25

€ Fee for each survey, net prices plus VAT

material one set	fee 169,00 €	additional set 82,50 €
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➤ Sample material

4 samples of liquid EDTA plasma, each 4 ml
Infectious material, UN3373, biological substance category B

➤ Analytes

set 1: HAV-RNA qualitative	set 5: HIV-2-RNA qualitative
set 2: HBV-DNA qualitative and quantitative	set 6: WNV-RNA qualitative
set 3: HCV-RNA qualitative and quantitative	set 7: CMV-DNA qualitative and quantitative
set 4: HIV-1-RNA qualitative and quantitative	set 8: pvB19-DNA qualitative

PolyVir2 - Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
PolyVir21/25	17.02.25	22.04.25	28.04.25	10.05.25
PolyVir22/25	04.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

material one set	fee 181,00 €	additional set 63,00 €
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➤ Sample material

4 samples, each 1 ml virus-DNA on NaCl-Matrix
Infectious material, UN3373, biological substance category B

➤ Analytes

set 1: Adenoviren	set 4: HSV1/2	set 7: RSV
set 2: Enteroviren	set 5: HPV	set 8: VZV
set 3: EBV	set 6: Influenza A/B	

ToxoGen - Toxoplasma gondii Genome

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
ToxoGen1/25	24.03.25	13.05.25	19.05.25	31.05.25
ToxoGen2/25	01.09.25	21.10.25	27.10.25	08.11.25

€ Fee for each survey, net prices plus VAT

	141,00 €
each additional required pair of samples	56,00 €

➤ Sample material

lyophilized DNA, 4 samples, Infectious material, UN3373, biological substance category B

➤ Analytes

Toxoplasma gondii Genome



TubDiag - Tuberculosis diagnostic

Survey	Application deadline	Sample dispatch date	survey period from to	
TubDiag1/25 Set 1 + 4	13.01.25	18.03.25	20.03.25	04.04.25
TubDiag1/25 Set 2	13.01.25	18.03.25	20.03.25	30.05.25
TubDiag1/25 Set 3 + 5	13.01.25	18.03.25	20.03.25	09.05.25
TubDiag1/25 Set 6	13.01.25	18.03.25	20.03.25	25.04.25
TubDiag2/25 Set 1 + 4	07.07.25	09.09.25	11.09.25	26.09.25
TubDiag2/25 Set 2	07.07.25	09.09.25	11.09.25	21.11.25
TubDiag2/25 Set 3 + 5	07.07.25	09.09.25	11.09.25	31.10.25
TubDiag2/25 Set 6	07.07.25	09.09.25	11.09.25	17.10.25

€ Fee for each survey, net prices plus VAT

set 1	79,00 €	set 4	89,00 €
set 2	79,00 €	set 5	720,00 €
set 3	69,00 €	set 6	79,00 €

➤ Investigation target

- set 1: Microscopy detection of acid-fast bacilli (Instand program 421).
- set 2: Detection of mycobacteria by culture and differentiation between TB and NTM (Instand program 422).
- set 3: Identification of mycobacteria (Instand program 423).
- set 4: Detection of tuberculosis-bacteria by NAT (Instand program 424).
- set 5: Susceptibility testing of M. tuberculosis complex cultures (Instand program 425).
- set 6: Molecular susceptibility testing of M. tuberculosis complex cultures (Instand program 426).

➤ Sample material

- set 1: 6 microscopy slides
- set 2: 5 sputum specimens
- set 3: 5 suspensions of mycobacterial strains
- set 4: 5 sputum specimens
- set 5: 5 suspensions of M. tuberculosis complex strains for phenotypic resistance testing
- set 5 contains infectious material according to category A. Shipment is according to UN2814.**
- set 6: 5 suspensions of M. tuberculosis complex strains for molecular resistance testing

➤ Information

This survey is not subject of the accredited area of the RfB. The surveys are performed in cooperation with Instand e.V. This dispatch of the samples, and the evaluation is done by Instand e.V.



UrinAg - Urine antigen evidence

Survey	Application deadline	Sample dispatch date	survey period from to	
UrinAg1/25	27.01.25	18.03.25	24.03.25	05.04.25
UrinAg2/25	18.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

one set 54,00 €
each additional required set 28,50 €

▶ Sample material

4 samples, each 1 ml urine
Infectious material, UN3373, biological substance category B

▶ Analytes

Set 1: Legionella pneumophila antigen in urine
Set 2: Streptococcus pneumoniae antigen in urine

VREscre - VRE Screening

Survey	Application deadline	Sample dispatch date	survey period from to	
VREscre1/25	27.01.25	18.03.25	24.03.25	05.04.25
VREscre2/25	18.08.25	07.10.25	13.10.25	25.10.25

€ Fee for each survey, net prices plus VAT

144,00 €
each additional required pair of samples 50,50 €

▶ Sample material

4 samples, gel smear tubes
Infectious material, UN3373, biological substance category B

▶ Analytes

Cultural proof of VRE Molecular diagnostic proof of Van A/Van B and others



Ejaculate investigation

EJ - Semen analysis

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
EJ1/25	17.02.25	03.03.25	05.03.25	03.04.25
EJ2/25	29.09.25	20.10.25	22.10.25	20.11.25

€ Fee for each survey, net prices plus VAT

200,00 €

➤ **Sample material**

Washed and fixed sperm preparation

➤ **Analyte**

Estimation of sperm concentration and the assessment of morphologically normal forms. Additionally, the online analysis of sperm motility is possible.

➤ **Information**

The surveys are performed in a cooperation with the German Society of Andrology and their quality control organization QuaDeGA. The dispatch of the samples and the evaluation is done by QuaDeGA. This survey is not subject of the accredited area of the RfB.



Molecular- and cytogenetic investigations

ctDNA - circulating tumor DNA

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
ctDNA1/25	27.01.25	08.04.25	14.04.25	10.05.25
ctDNA2/25	07.07.25	16.09.25	22.09.25	18.10.25

€ Fee for each survey, net prices plus VAT

material one set	fee 154,00 €	additional set 154,00 €
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▶ Sample material

EDTA-plasma, 3 samples each 3 ml

▶ Analyte

- set A: KRAS proto-oncogene, GTPase
- KRAS p.G12 (*KRAS*, NM_004985.5:c.34G>T>C>A, rs121913530)
 - KRAS p.G12 (*KRAS*, NM_004985.5:c.35G>T>C>A, rs121913529)
 - KRAS p.G13 (*KRAS*, NM_004985.5:c.37G>T>C>A, rs121913535)
 - KRAS p.G13 (*KRAS*, NM_004985.5:c.38G>T>C>A, rs112445441)
 - KRAS p.Q61 (*KRAS*, NM_004985.5:c.181C>G>A, rs121913238)
 - KRAS p.Q61 (*KRAS*, NM_004985.5:c.182A>T>G>C, rs121913240)
 - KRAS p.Q61 (*KRAS*, NM_004985.5:c.183A>T>C, rs17851045)
- set B: BRAF proto-oncogene, serine/threonine kinase
- BRAF p.V600E (*BRAF*, NM_004333.6:c.1799T>A, rs113488022)
- set C: Epidermal growth factor receptor
- EGFR p.T790M (*EGFR*, NM_005228.5:c.2369C>T, rs121434569)
- set D: NRAS proto-oncogene, GTPase
- NRAS p.Q61 (*NRAS*, NM_002524.5:c.181C>T>G>A, rs121913254)
 - NRAS p.Q61 (*NRAS*, NM_002524.5:c.182A>T>G>C, rs11554290)
 - NRAS p.Q61 (*NRAS*, NM_002524.5:c.183A>T>C, rs121913255)

▶ Information

This survey is only available for European participants because of the lack sample stability with the expanded shipment period.

For ordering, be aware of the different sets A, B, C and D.



DI - DNA isolation

Survey	Application deadline	Sample dispatch date	survey period from to	
DI1/25	13.01.25	11.03.25	17.03.25	05.04.25
DI2/25	09.06.25	12.08.25	18.08.25	06.09.25

€ Fee for each survey, net prices plus VAT

each additional required pair of samples 70,50 €
36,00 €

▶ Sample material

whole blood, K-EDTA, 2 samples each 500 µl
Infectious material, UN3373, biological substance category B

▶ Analyte

DNA isolation

- FV-Leiden (*F5*, NM_000130.5:c.1601G>A, rs6025)
- FV-H1299R (*F5*, NM_000130.5:c.3980A>G, rs1800595)
- FV-Cambridge (*F5*, NM_000130.5:c.1001G>C, rs118203906)
- FV-Hong-Kong (*F5*, NM_000130.5:c.1000A>G, rs118203905)
- FII g20210a (*F2*, NM_000506.5:c.*97G>A, rs1799963)
- Methylenetetrahydrofolate reductase (*MTHFR*)
- *MTHFR* C677T (*MTHFR*, NM_005957.5:c.665C>T, rs1801133)
- *MTHFR* A1298C (*MTHFR*, NM_005957.5:c.1286A>C, rs1801131)
- Hereditary Hemochromatosis (*HFE*)
- *HFE* H63D (*HFE*, NM_000410.4:c.187C>G, rs1799945)
- *HFE* S65C (*HFE*, NM_000410.4:c.193A>T, rs1800730)
- *HFE* C282Y (*HFE*, NM_000410.4:c.845G>A, rs1800562)

▶ Information

Methodological survey:
determination of concentration of DNA
ratio 260/280
method of identification
defined genotypes



MG1 - Molecular genetics group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MG11/25	13.01.25	11.03.25	17.03.25	05.04.25
MG12/25	09.06.25	12.08.25	18.08.25	06.09.25

€ Fee for each survey, net prices plus VAT

	material one set	fee 57,00 €	additional set 57,00 €
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▶ Sample material

DNA preparation, lyophilized, 2 samples each 800 ng

▶ Analytes

- set A:
- FV-Leiden (*F5*, NM_000130.5:c.1601G>A, rs6025)
 - FII g20210a (*F2*, NM_000506.5:c.*97G>A, rs1799963)
 - Methylenetetrahydrofolate reductase (*MTHFR*)
 - *MTHFR* C677T (*MTHFR*, NM_005957.5:c.665C>T, rs1801133)
 - *MTHFR* A1298C (*MTHFR*, NM_005957.5:c.1286A>C, rs1801131)
 - PAI-I 4G5G (*SERPINE1*, NM_000602.5:c.-820G[(4_5)], rs1799762)
- set B:
- FXIII V34L (*F13A1*, NM_000129.4:c.103G>T, rs5985)
 - GPIIIa (*ITGB3*, NM_000212.3:c.176T>C, rs5918)
 - beta-Fibrinogen g-455a (*FGB*, NM_005141.4:c.-463G>A, rs1800790)
 - Vitamin K epoxide reductase complex subunit 1 (*VKORC1*)
 - *VKORC1* G-1639 (*VKORC1*, NM_024006.6:c.-1639G>A, rs9923231)
 - *VKORC1* C1173T (*VKORC1*, NM_024006.6:c.174-136C>T, rs9934438)
 - FXII c46t (*F12*, NM_000505.4:c.-4T>C rs1801020)
 - FV-H1299R (*F5*, NM_000130.5:c.3980A>G, rs1800595)
- set C:
- Alpha-1-Antitrypsin, (serpin family A member1)
 - AAT-PI*S (*SERPINA1*, NM_000295.5:c.863A>T, rs17580)
 - AAT-PI*Z (*SERPINA1*, NM_000295.5:c.1096G>A, rs28929474)
 - AAT - Genotyping
 - AAT- (Alpha-1-Antitrypsin-Genotyping)
 - Apolipoprotein E (APOE)
 - ApoE2 (*APOE*, NM_000041.4:c.526C>T, rs7412)
 - ApoE4 (*APOE*, NM_000041.4:c.388T>C, rs429358)
 - ApoE - Genotyping
 - ApoB100 (*APOB*, NM_000384.3:c.10580G>A, rs5742904)
 - ACE I/D (*ACE*, NM_000789.3:c.2306-117_2306-116insAF118569.1:g.14094_14382, rs1799752)
 - CETP B1/B2 (*CETP*, NM_000078.3:c.118+279G>A, rs708272)
- set D:
- Aldolase, fructose-bisphosphate B (ALDOB)
 - AldoB 149 (*ALDOB*, NM_000035.4:c.448G>C, rs1800546)
 - AldoB 174 (*ALDOB*, NM_000035.4:c.524C>A, rs76917243)
 - AldoB 334 (*ALDOB*, NM_000035.4:c.1005C>G, rs78340951)
 - Hereditary Hemochromatosis (HFE)
 - HFE H63D (*HFE*, NM_000410.4:c.187C>G, rs1799945)
 - HFE S65C (*HFE*, NM_000410.4:c.193A>T, rs1800730)
 - HFE C282Y (*HFE*, NM_000410.4:c.845G>A, rs1800562)
 - LCT c-13910t (*LCT*, NM_005915.6:c.1917+326C>T, rs4988235)
 - Nucleotide binding oligomerization domain containing 2 (*NOD2*)
 - NOD R702W (*NOD2*, NM_001370466.1:c.2023C>T, rs2066844)
 - NOD G908R (*NOD2*, NM_001370466.1:c.2641G>C, rs2066845)
 - NOD L1007finsC (*NOD2*, NM_001370466.1:c.2938dup, rs2066847)
- set E:
- ATP7B-C3207A (*ATP7B*, NM_000053.4:c.3207C>A, rs76151636)
 - FSAP Marburg-I (*HABP2*, NM_004132.5:c.1601G>A, rs7080536)
 - ITGA2 Gplalla C807T (*ITGA2*, NM_002203.4:c.759C>T, rs1126643)
 - Col1A1 SP1 (*Col1A1*, NM_000088.4:c.104-441G>T, rs1800012)
 - Vitamin D receptor (VDR)
 - VDR BsmI (*VDR*, NM_000376.3:c.1024+283G>A, rs1544410)
 - VDR ApaI (*VDR*, NM_000376.3:c.1025-49G>T, rs7975232)
 - VDR TaqI (*VDR*, NM_000376.3:c.1056T>C, rs731236)



- set F:
- Faktor VII (R353Q) (F7, NM_019616.4:c.1172G>A, rs6046)
 - AT3 Cambridge Typ I/II (SERPINC1, NM_000488.4:c.1246G>C>T, rs121909548)
 - CYP3A5*3 (CYP3A5, NM_000777.5:c.219-237A>G, rs776746)

Information

Please take into account the division into sets A, B, C, D, E and F when you order this survey.

MG2 - Molecular genetics group 2

Survey	Application deadline	Sample dispatch date	survey period from	to
MG21/25	13.01.25	11.03.25	17.03.25	05.04.25
MG22/25	09.06.25	12.08.25	18.08.25	06.09.25

€ Fee for each survey, net prices plus VAT

material one set.	fee 57,00 €	additional set 57,00 €
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Sample material

DNA preparation, lyophilized, 2 samples each 800 ng (set D: 4000 ng)

Analytes

- set A:
- Thiopurine S-methyltransferase (TPMT)
 - TPMT*2 (TPMT, NM_000367.5:c.238G>C, rs1800462)
 - TPMT*3B (TPMT, NM_000367.5:c.460G>A, rs1800460)
 - TPMT*3C (TPMT, NM_000367.5:c.719A>G, rs1142345)
 - TPMT - Genotyping
 - CYP2C8*3 (CYP2C8, NM_000770.3:c.1196A>G, rs10509681)
 - Cytochrom P450 2C9 (CYP2C9)
 - CYP2C9*2 (CYP2C9, NM_000771.4:c.430C>T, rs1799853)
 - CYP2C9*3 (CYP2C9, NM_000771.4:c.1075A>C, rs1057910)
 - CYP2C9 - Genotyping
 - UGT1A1*28 (UGT1A1, NM_000463.3:c.-41_-40dupTA, rs3064744)
 - Dihydropyrimidine dehydrogenase (DPYD)
 - DPYD*2A (DPYD, NM_000110.4:c.1905+1G>A, rs3918290)
 - DPYD*13 (DPYD, NM_000110.4:c.1679T>G, rs55886062)
 - DPYD p.D949V (DPYD, NM_000110.4:c.2846A>T, rs67376798)
 - DPYD c.1129-5923C>G (DPYD, NM_000110.4:c.1129-5923C>G, rs75017182)
 - DPYD c.1236G>A (DPYD, NM_000110.4:c.1236G>A, rs56038477)
 - DPYD HapB3 (DPYD, NM_000110.4:c.1129-5923C>G, rs75017182, NM_000110.4:c.1236G>A, rs56038477)
 - DPD activity score acc. to CPIC
 - DPD activity score acc. to DGHO
 - BCHE A (D70G) (BCHE, NM_000055.4:c.293A>G, rs1799807)
 - BCHE K (A567T) (BCHE, NM_000055.4:c.1699G>A, rs1803274)

- set B:
- KRAS proto-oncogene, GTPase (KRAS)
 - KRAS p.G12/p.G13 (KRAS, NP_004976.2:p.G12/G13)
 - KRAS p.G12 (KRAS, NM_004985.5:c.34G>T>C>A, rs121913530)
 - KRAS p.G12 (KRAS, NM_004985.5:c.35G>T>C>A, rs121913529)
 - KRAS p.G13 (KRAS, NM_004985.5:c.37G>T>C>A, rs121913535)
 - KRAS p.G13 (KRAS, NM_004985.5:c.38G>T>C>A, rs112445441)
 - KRAS p.G12 (KRAS, NP_004976.2:p.G12)
 - KRAS p.G12 (KRAS, NM_004985.5:c.34G>T>C>A, rs121913530)
 - KRAS p.G12 (KRAS, NM_004985.5:c.35G>T>C>A, rs121913529)
 - KRAS p.G13 (KRAS, NP_004976.2:p.G13)
 - KRAS p.G13 (KRAS, NM_004985.5:c.37G>T>C>A, rs121913535)
 - KRAS p.G13 (KRAS, NM_004985.5:c.38G>T>C>A, rs112445441)
 - KRAS p.Q61 (KRAS, NP_004976.2:p.Q61)
 - KRAS p.Q61 (KRAS, NM_004985.5:c.181C>G>A, rs121913238)
 - KRAS p.Q61 (KRAS, NM_004985.5:c.182A>T>G>C, rs121913240)
 - KRAS p.Q61 (KRAS, NM_004985.5:c.183A>T>C, rs17851045)
 - BRAF p.V600 (BRAF, NP_004324.2:p.V600E/K)
 - BRAF V600E (BRAF, NM_004333.6:c.1799T>A, rs113488022)
 - BRAF V600K (BRAF, NM_004333.6:c.1798_1799delinsAA, rs121913227)



- set B: - c-KIT p.D816V (*KIT*, NM_000222.3:c.2447A>T, rs121913507)
NRAS (*NRAS*, NP_002515.1:p.Q61)
- NRAS (*NRAS*, NM_002524.5:c.181C>T>G>A, rs121913254)
- NRAS (*NRAS*, NM_002524.5:c.182A>T>G>C, rs11554290)
- NRAS (*NRAS*, NM_002524.5:c.183A>T>C, rs121913255)
- set C: - HLA-B*27:01 (*HLA-B*, NM_005514.8)
- TNF alpha 238 (*TNF*, NM_000594.3:c.-418G>A, rs361525)
- TNF alpha 308 (*TNF*, NM_000594.3:c.-488G>A, rs1800629)
- set D: Cytochrome P450 2D6 (*CYP2D6*)
- CYP2D6*2-296 (*CYP2D6**2, NM_000106.6:c.886C>T, rs16947)
- CYP2D6*2-486 (*CYP2D6**2, NM_000106.6:c.1457G>C, rs1135840)
- CYP2D6*3 (*CYP2D6**3, NM_000106.6:c.775del, rs35742686)
- CYP2D6*4 (*CYP2D6**4, NM_000106.6:c.506-1G>A, rs3892097)
- CYP2D6*6 (*CYP2D6**6, NM_000106.6:c.454del, rs5030655)
- CYP2D6*7 (*CYP2D6**7, NM_000106.6:c.971A>C, rs5030867)
- CYP2D6*8 (*CYP2D6**8, NM_000106.6:c.505G>T, rs5030865)
- CYP2D6*9 (*CYP2D6**9, NM_000106.6:c.841_843del, rs5030656)
- CYP2D6*10 (*CYP2D6**10, NM_000106.6:c.100C>T, rs1065852)
- CYP2D6*17 (*CYP2D6**17, NM_000106.6:c.320C>T, rs28371706)
- CYP2D6*35 (*CYP2D6**35, NM_000106.6:c.31G>A, rs769258)
- CYP2D6*41 (*CYP2D6**41, NM_000106.6:c.985+39G>A, rs28371725)
- CYP2D6*5 (*CYP2D6*, Deletion)
- CYP2D6*xN (*CYP2D6*, Duplication/Amplification)
Cytochrome P450 2C19 (*CYP2C19*)
- CYP2C19*2 (*CYP2C19*, NM_000769.4:c.681G>A, rs4244285)
- CYP2C19*3 (*CYP2C19*, NM_000769.4:c.636G>A, rs4986893)
- CYP2C19*17 (*CYP2C19*, NM_000769.4:c.-806C>T, rs12248560)
- CYP2C19 - Genotyping
- set E: - HLA-B*57:01 (*HLA-B*, NM_005514.8)
Cytochrome P450 2B6 (*CYP2B6*)
- CYP2B6*4 (*CYP2B6*, NM_000767.5:c.785A>G, rs2279343)
- CYP2B6*9 (*CYP2B6*, NM_000767.5:c.516G>T, rs3745274)
- CYP2B6*6 (*CYP2B6*, NM_000767.5:c.785A>G, rs2279343 + NM_000767.5:c.516G>T, rs3745274)
- ABCB1 c.3435T>C (*ABCB1*, NM_001348946.2:c.3435T>C, rs1045642)
- CCR5-del32bp (*CCR5*, NM_001394783.1:c.554_585del, rs333)
- set F: - IL28B (C/T Polymorphism) (*IFNL4*, NM_001276254.2:c.151-152G>A, rs12979860)
- IL6 G(-174)C (*IL6*, NM_000600.4:c.-237C>G, rs1800795)
- CYP3A4*22 (*CYP3A4*, NM_017460.6:c.522-191C>T, rs35599367)

➤ Information 1

Please take into account the division into sets A, B, C, D, E and F when you order this survey.

➤ Information 2

The following analytes are offered by our cooperation partner European Molecular Genetics Quality Network (EMQN). More information: www.rfb.bio/pdf/EMQN.pdf

- | | |
|--|---------------------------------------|
| - Hereditary hemochromatosis (genotyping and interpretation) | - Prader-Willi and Angelman syndromes |
| - Cystic fibrosis, mucoviscidosis | - Fragile X Syndrome |
| - Familial breast-/ovarial- cancer (BRCA) | - Spinal Muscular Atrophy |
| - Hereditary nonpolyposis colon cancer | - Hereditary auditory disorder |
| - 21-hydroxylase deficiency (Congenital adrenal hyperplasia) | - Y chromosome microdeletions |
| - Huntington's disease | |
| - Duchenne and Becker muscular dystrophy | |



SQ - DNA Sequencing

Survey	Application deadline	Sample dispatch date	survey period from to	
SQ1/25	13.01.25	11.03.25	17.03.25	12.04.25
SQ2/25	09.06.25	12.08.25	18.08.25	13.09.25

€ Fee for each survey, net prices plus VAT

each additional pair of samples 133,00 €
47,00 €

➤ **Sample material**

DNA-preparation, lyophilized, 2 samples (PCR product + Primer for/rev)

➤ **Analytes**

DNA sequencing

➤ **Information**

This survey is not subject of the accredited area of the RfB.



RfB office / survey directors / calibration laboratories

Responsible body of the Reference Institute for Bioanalytics (RfB) is the Foundation for Pathobiochemistry and Molecular Diagnostics

Foundation f. Pathobiochemistry a. Molecular Diagnostics, Board	Gunther Schabio
Reference Institute for Bioanalytics, Management	Dr. Anja Kessler
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Index

Symbols

17-OH-progesterone 19, 24, 28
25-OH-cholecalciferol 31
25-OH-D3 (25-OH-cholecalciferol),
25-(OH)2-D3 31
25-OH-vitamin D total 31
260 nm 25
280 nm 25
334 nm 25
340 nm 25
365 / 366 nm 25
405 nm 25
546 nm 25
560 nm 25
(IL-1 β) 32
 α 1-antitrypsin 20
 α 1-glycoprotein 20
 α 1-microglobulin 23
 α 2-macroglobulin 23
 α -amylase 22, 31
 α -HBDH 22
 β 2-microglobulin 30
 γ -globulin 22
 γ -GT 22, 31

A

ABO-system 38, 39
Accucheck 17
Accutrend 17
acetaminophen 31
acid phosphatase, prostate 22
acid phosphatase, total 22
activated partial thromboplastin
time 17
activity 29, 71
ADAMTS-13 - I (activity and
antigen) 71
ADAMTS-13 - I (activity and
antigen) 29
ADAMTS-13 - II (antibodies) 29, 71
ADAMTS-13 - III 29, 71
Adenoviren 54
AFP 27, 30
albumin 20, 21, 23, 31
albumin (chem.) 22
albumin (elektrophoresis) 22
aldosterone 19
alkaline phosphatase 22, 31
Allergology 33
ALT 22, 31
aluminium 28
amikacin 10
Ammonia 11
amphetamine 35
ampicillin 10
analgesics 31
Analysis spectrum 2
Annual summary 8
antibodies 26
antibody differentiation 39
antibody test 38, 39
antibody titer 39
Anti-Borrelia burgdorferi 34
Anti-Candida albicans IgG 43

anti-CCP-Ab 26, 27
Anti-CMV IgG + total 34
Anti-CMV IgM 34
antidepressives 35
Anti-Echinococcus IgG 43
Anti-Entamoeba histolytica IgG 43
antigen 29, 71
Anti-HAV IgG 36
Anti-HAV IgM 36
Anti-HAV total 36
Anti-HBc 36
Anti-HBc-IgM 36
Anti-HBe 36
Anti-HBs 36
Anti-HCV IgG 37
Anti-HCV IgG + IgM 37
Anti-HIV -1/-2 Ak / Ag(p24) 37
Anti-HSV 37
Anti-HTLV -1/-2 IgG 38
anti morbilli virus 40
anti-Müllerian hormone (AMH) 27
anti mumps virus 40
Antinuclear antibodies 33
Anti-Parvovirus B19 IgG + total 41
Anti-Parvovirus B19 IgM 41
Antiphospholipid Antibodies 29
Antiplasmin 29, 71
Anti-Plasmodium total 43
Anti-Rubella-Virus 41
Anti-Rubella-Virus IgG 41
Anti-Rubella-Virus IgM 41
Anti-Schistosoma IgG 43
Anti-Streptokokken-
Desoxyribonuklease IgG 43
anti-streptolysin O 26
Antithrombin 29, 71
antithrombin III 17
antithrombin III (AT III), activity 17
Anti-Toxoplasma-gondii 42
Anti-Treponema pallidum 42
Anti-VZV 37
anti-Xa 29, 71
APC resistance 71
APC-Resistance 29
apolipoproteins 23
arsenic 28
Ascentia Elite 17
AST 22, 31
A-subgroups 38, 39
AMA 33
ANA 33
ANCA 33
annual report 71
antibodies 33, 71
antiphospholipide ab 33, 71
Automatic differential count 10

B

Bakteriologie Major 45
Bakteriologie Minor 47
barbiturate 35
basophilie gran. 10
B-cells 20
benzodiazepine 35
bilirubin 23, 40

bilirubin, direct 12, 22
bilirubin, indirect 12
bilirubin, total 12, 22, 31
Blood gas 12
blood groups 38, 39
blood preparation 17, 26
blood samples 20
blood slides 34
BNP 13
Body fluid 11
Bone metabolism 25
bone specific alkaline phosphatase
(BAP) 25
Bordetella pertussis 45
Borrelia burgdorferi 46
B-Streptococci screening 48
B-Streptococci screening for cultural
evidence and NAT-methods 48
buprenorphine 35

C

C3 complement 20
C4 complement 20
CA 15-3 30
CA 19-9 30
CA 50 30
CA 72-4 30
CA 125 30
cadmium 28
cafein 10
calcitonin 30
calcium 22, 31
calcium, ionized 12, 22
calcium, total 23
Calibration laboratories of RfB 2
Calprotectin (quantitative,
qualitative) 15
cannabinoide 35
carbamazepine 10
carboxyhemoglobin (COHb) 24
Cardiac markers 13
Cardiac markers in whole blood 13
cardiac troponin I 13
cardiac troponin T 13
CDT 14
CD transferrin 14, 57
CEA 30
cefepime 10
ceftazidime 10
celiak disease ab 33
Cell count in cerebrospinal fluid 32
cerebrospinal fluid 21, 44
Cerebrospinal fluid cytology 44
Certificates 8
Chlamydia pneumoniae 45
Chlamydia trachomatis 46
Chlamydia trachomatis AG 48
Chlamydia trachomatis antigen 48
chloride 12, 22, 23, 28, 31
cholesterol 22, 23, 31
cholinesterase 22, 31
chromatographic methods 43
chromium 28
chromogranin A 30
circulating tumor DNA 58



Index

citrate 23
citrullinated peptide antibodies 26
CK 31
CK, creatine kinase 22
CK-MB mass + activity 13
Clinical chemical analytes in CSF 21
Clostridioides (Clostridium) 48
CMV-DNA 54
CMV-DNA qualitative and quantitative 54
CMV Serology 34
coagulation 17
cobalt 28
cocain/metab. 35
coeruloplasmin 20
COHb 24
collagen binding 29, 71
coloured solutions 25
conductivity 28
Contact 2
copper 22, 28
cortisol 19, 28
Coxiella burnetii 46
cPSA 30
creatinine 12, 22, 23, 31
CRP 20
CRP qualitative 20
Cryptococcus neoformans and candida albicans antigen 49
CSF 21, 32, 41
CSF, lyophilized 21, 41
CTx (CrossLaps) and P1NP 25
Cultivation and identification of fungi 52
Cultural proof of VRE 56
Cw antigen 38, 39
cyanocobalamin 31
cyclosporine 14
CYFRA 30
cystatin C 20
Cytokines 32

D

DAkKS 2
D-dimer 14
D-Dimer (FEU) 14
D-Dimer, quantiativ 14
defibrinated plasma 36
defined genotypes 59
dehydrogenase 22
dermatophytes 50
Detection of mycobacteria by culture and differentiation between TB and NTM 55
Detection of tuberculosis-bacteria by NAT 55
Detection with culture methods 47
Detection with rapid methods 47
DHEA-S 19
diagnoses 21
differential blood count 34
differentiation 10
digitoxin 10
digoxin 10
direct Coombs' test 38, 39

DNA 59
DNA isolation 59
DNA preparation 60, 61
DNA-preparation 63
DNA Sequencing 63
drug group 35
Drug screening in urine 35
dry chemistry 31
ds-DNA-ab 33

E

EBV 54
EBV-EA (early antigen) 35
EBV-EBNA 35
EBV-VCA 35
ECAT 30
Editorial 1
EHEC/STEC 46
EMQN 62
ENA 33
Enteroviren 54
enzymes 2
Epstein-Barr-Virus serology 35
erythrocyte count 11, 18, 32
erythrocyte suspension 39
estradiol-17 β 19
estriol 27
ethanol 15
Ethanol 15
ethosuximide 10
Ethylglucuronide 15
evaluations 8
everolimus 14

F

factor II 17
factor IX 17
Factor IX Inhibitor 29, 71
factor V 17
factor VII 17
factor VIII 17
Factor VIII 29, 71
factor VIII Inhibitor 71
factor X 17
factor XI 17
factor XII 17
factor XIII 17
Factor XIII (activity and antigen) 29
Faeces diagnostics 15
Faktor VIII Inhibitor 29
Fees 9
fentanyl 35
ferritin 19
fibrinogen 17
Fibrinolyse Parameter I 71
Fibrinolyse Parameter II 71
Fibrinolysis 29
Fibrinolysis parameters II 29
flow cytometry 20
fluoride 28
folic acid 19, 31
for IgE total 33
for specific IgE antibodies 33
Francisella tularensis 46
free b-hCG 27

free estriol 27
FSH 19
full blood count 18

G

gas equilibrated solution 12
GBM 33
General Terms and Conditions 4
Genome evidence group 1 45, 54
Genome evidence group 2 46, 54
Genome evidence group 3 46
Genome evidence measles, mumps, rubella 51
Genome evidence of Dermatophyten 50
Genome evidence of SARS-CoV-2 49
gentamycin 10
GLDH 22
glucose 12, 16, 21, 22, 23, 31, 40
glucose measuring instrument 17
Glucose „POCT“ 17
Glucose „wet chemistry“ 16
glycated hemoglobin 16
Gram-staining 50

H

haptoglobin 20
HAV serology 36
HbA1c 16
HBe 36
HbO₂ 24
HBsAg 36
HBV-DNA 54
HBV serology major 36
HBV serology minor 36
hCG 27, 30
HCV-RNA 54
HCV serology 37
HDL 23
Helicobacter pylori 46
hematocrit 18
Hematology 18, 34
HemoCue 17
hemoglobin 18, 23, 40
hemoglobin derivates 24
Hemoglobin / haptoglobin complex (quantitative, qualitative) 15
Hemoglobin iFOBT assay (quantitative, qualitative) 15
hemoglobin (total) 24
Hepatitis E virus 50
Herpes viruses serology 37
HEV-RNA 50
hGH 19
HIT - I (Immunological testing) 29, 71
HIV-1-RNA 54
HIV-2-RNA qualitative 54
HIV Serologie 37
HIV serology 37
HLA-B *27 20
homocysteine 23
hormones 2
Hormones 19
HPV 54



Index

HSV 37
HSV1/2 54
human epidermal growth factor
receptor 2 30
human plasma 50
Human T-lymphotropic virus 38

I

Identification of bacteria 47
Identification of fungi 52
Identification of mycobacteria 55
IgA 20, 21
IgA-RF 26
IgE 20, 33
IgE-antibodies 33
IgE total 33
IGF-1 19
IGFBP-3 19
IgG 20, 21, 23
IgG-RF 26
IgM 20, 21
IgM-RF 26
IL-6 32
IL-6-POCT 32
IL-8 32
IL-10 32
Immunohematology 39
Immunohematology for automated
systems 38
immunohematology Major 39
immunophenotyping 20
immunosuppressiva 14
Imprint 2
indices 21
Influenza and RSV antigen
evidence 51
Influenza A/B 54
Influenza antigen 51
INR 17
insulin 19
Interleukin-1 β 32
Interleukin-6 32
Interleukin-8 32
Interleukin-10 32
in vitro diagnostics 1
invoice 9
iron 22, 28, 31
IR-spectra 38
IRT 24
isoenzyme 22
IVDR 1

K

Kell antigen 38, 39
ketone 23, 40

L

lactate 12, 21, 22, 31
LBP 32
LDH 22, 31
LDL 23
lead 28
Legionella pneumophila 56
leukocyte count 11, 18, 20, 32

leukocytes 23, 40
LH 19
linezolid 10
lipase 22, 31
lipopolysaccharide-binding-
protein 32
lipoprotein(a) 23
lipoproteins 23
Listeria monocytogenes 46
lithium 10, 12, 22, 31
LKM-1 33
long-time evaluation 71
Low-Molecular Weight Heparin
Monitoring (anti-Xa) 29, 71
LSD 35
Lupus Anticoagulant 29, 71
lymphocyte count 20
lymphocytes 10

M

magnesium 12, 22, 23, 31
manganese 28
MCH 18
MCHC 18
MCV 18
Measels 51
mercury 28
meropenem 10
methHb 24
methemoglobin (methHb) 24
methotrexate 10
methylphenidate 35
microalbumin 23, 40
Microscopy detection of acid-fast
bacilli 55
Molecular diagnostic proof of
carbapenemases 51
Molecular diagnostic proof of
Van A / Van B 56
Molecular genetics group 1 60
Molecular genetics group 2 61
Molecular susceptibility testing of
M. tuberculosis complex cultures 55
monocytes 10
Morbilli and mumps serology 40
morbilli IgG + IgM 40
MRGN Screening 51
MRSA 45
MRSA Screening 52
MRSA Screening for cultural
evidence and NAT-methods 52
multimers 29, 71
Mumps 51
mumps IgG + IgM 40
methadon/metab. 35
method of identification 59
methodological survey 59
MXD 10
Mycoplasma pneumoniae 45
myoglobine 13

N

Neisseria gonorrhoeae 46
Neonatal bilirubin 12
neonatology 12

Neurofilament Light Chain 24
neutroph. gran. 10
Newborn screening 24
new surveys 4
NfL 24
nickel 28
nitrite 23, 40
NK-cells 20
Norovirus PCR 53
NSE 30
NT-proBNP 13

O

Oligoclonal bands in CSF 41
Onconeural ab 33
Online data entry 8
Online ordering 8
opiates/opioide 35
Ordering 9
osmolality 22
osmolatity 23
osteocalcin 25
oxalate 23
oxyhemoglobin (HbO₂) 24

P

p24 37
PAI-1 29, 71
pancreatic amylase 22, 31
Panton-Valentine leucocidin
(PVL) 52
PAP 24, 30
PAPP-A 27
Pappenheim 34
paracetamol 10, 31
Parasites in blood 53
Parasites in stool 53
parathyroid hormone 19
Parvovirus B19 Serologie 41
pCO₂ 12
PCT 32
PCT-POCT 32
pH 12, 23, 40
pharmaceutical drugs 43
pharmaceuticals 2
phencyclidine 35
phenobarbital 10
phenytoin 10
phosphorus 31
phosphorus, inorganic 22, 23
photometer control 25
piperacillin 10
Plasminogen 29, 71
platelet count 18
PLGFS 25
pO₂ 12
potassium 12, 22, 23, 31
prealbumin 20
Preeclampsia marker 25
pregabalin 35
Pregnancy diagnostic 27
pregnancy test 40
primidone 10
Proficiency panel to detect bacteria in
platelet concentrates 47



Index

progesterone 19
prolactin 19
prostate 22
protein 23, 40
Protein C 29
proteins 2
protein S activity 29
protein S antigen 29
protein, total 22, 23, 31
Protein C 71
protein S activity 71
protein S antigen 71
prothrombin time 17
PSA 30
PSA free 30
pvB19-DNA 54
pyridoxal-5-phosphate 31

Q

QBC systems 18
QuaDeGA 57
quotients 21

R

ratio 260/280 59
red cells 32
Reflotron 31
renin 19
renin-activity 19
resistance 47
resistance testing 45
reticulocyte count 26
reticulocytes 26
retinol 31
rhesus-factor 38, 39
rhesus-system 38
rhesus-system (rhesus-formula) 39
Rheumatoid factors 26
Rili-BÄK 1
ristocetin cofactor activity 29, 71
RSV 54
RSV antigen 51
Rubella 51

S

S-100 30
Sales tax ID 2
salicylic acid 31
Saliva diagnostic 28
Salmonella enterica 46
SARS-CoV-2 49
SARS-CoV-2 antigen 49
SCC 30
Scientific advisors 64
screening 24
selenium 28
serum proteins 20
sFLT-1 25
SHBG 19
Shipping costs 9
sIL-2R 32
sirolimus 14
SMA 33
sodium 12, 22, 23, 31

sol. transferrin receptor 20
soluble IL-2 receptor 32
specific gravity 23, 40
specific IgE antibodies 33
Streptococcus pneumoniae 56
subscription 9
subscription fee 29
substrates 2
sulbactam 10
Survey directors 64
Susceptibility testing of M.
tuberculosis complex cultures 55
Sweat analysis 28
Systematic toxicologic analysis 42

T

T3, free 19
T3, total 19
T4, free 19
T4, total 19
tacrolimus 14
taxes 9
tazobactam 10
TBG 19
T-cells 20
terms and conditions 9
testosterone 19
test strip and pregnancy test,
qualitative 40
test strips 13
TG Ab 27
T-helper cells 20
theophylline 10
therapeutic drug monitoring 10
thiamine 31
Thrombin Generation Test 29, 71
thrombin time 17
thrombocytes, flour. 10
thrombocytes, imp. 10
thrombocytes, opt. 10
Thrombophilia module I 29, 71
Thrombophilia module II 29, 71
Thrombophilia screening 29
thyreoglobulin 30
thyroid antibodies 27
thyroid peroxidase 27
thyrotropin-receptor 27
TNF α 32
tobramycin 10
tocopherol 31
tosinoph. gran. 10
total protein 21
toxic agents 43
toxicologic analyses 43
Toxoplasma gondii Genome 54
t-PA 29, 71
TPA 30
TPO Ab 27
TPS 30
TR Ab 27
trace elements 28
tramadol 35
transferrin 20
triglycerides 22, 23, 31
TSH 19, 24

TSH-R Ab 27
T-suppressor cells 20
Tuberculosis diagnostic 55
Tumor markers group 1 30
Tumor markers group 2 30
tumor necrosis factor-alpha 32
types of contracts 9

U

Unfractionated Heparin
Monitoring 29, 71
urea 12, 22, 23, 31
uric acid 22, 23, 31
Urinary calculus 38
urine 23, 28, 40, 42
Urine antigen evidence 56
urobilinogen 23, 40

V

valproic acid 10
vancomycin 10
Various immunological analytes 43
visual microscopy 26
vitamin A 31
vitamin B1 31
vitamin B6 31
vitamin B12 19, 31
vitamin D 31
vitamin E 31
Vitamins 31
Vitros 31
Von Willebrand Factor
module 29, 71
VRE Screening 56
VZV 37, 54

W

watery coloured solutions 25
web-based assessment 44
wet chemistry 22
white cells 32
WNV-RNA 54

Y

yearly order 9

Z

zinc 28



Data protection declaration

In accordance with Art. 13 of the General Data Protection Regulation of the EU (EU-GDPR), we hereby inform you how we collect, process, and use your personal data. Below you will find an overview of what personal data we collect from you, and what we do with them. We will also inform you about your rights under applicable data protection law, and whom to contact in case of further questions.

Who are we?

The Foundation for Pathobiochemistry and Molecular Diagnostics (in German: Stiftung für Pathobiochemie und Molekulare Diagnostik – hereinafter referred to as SPMD) is a foundation with legal capacity under German civil law. The objective and purpose of the SPMD is to promote science and research, as well as public healthcare.

The SPMD uses its funds for research and development projects in the field of pathobiochemistry and molecular diagnostics, among other things. In this context, it also implements measures to ensure continuous improvement and quality assurance. At the center of this is the operation of the Reference Institute for Bioanalytics (Referenzinstitut für Bioanalytik – hereinafter referred to as RfB) as a reference institution and special-purpose enterprise. The RfB is an accredited survey provider and also fulfills the requirements for a survey provider as defined by the applicable policies and guidelines of the Federal Medical Association for quality assurance in medical laboratories in Germany.

Stiftung für Pathobiochemie und Molekulare Diagnostik, Referenzinstitut für Bioanalytik (Foundation for Pathobiochemistry and Molecular Diagnostics, Reference Institute for Bioanalytics), Friesdorfer Straße 153, D-53175 Bonn, Germany

Telephone: +49 2 28 / 92 68 95 – 0, Fax: +49 2 28 / 92 68 95 – 29, Internet: www.rfb.bio, e-mail: info@spmd-rfb.de

Foundation Register of Karlsruhe №: 14–0563.1

Authorized representative: Gunther Schabio, datenschutzbeauftragter@spmd-rfb.de, responsible data controller within the meaning of the EU-GDPR

Processing of your data

What personal data do we collect from you?

We collect your personal data if you have registered for the surveys in writing, or if you contact us via any of the various communication channels.

Specifically, we process the following data:

Name, email address, company address

If you are a participant: Participant №, password, delivery address, certificate address, billing address, telephone № and email address if applicable, bank details if applicable, survey results and all related documents. IT usage data (IP address, connection date and time)

Where do these data originate from?

You provide them when registering to use our services. If you are a participant: from your written registration; from messages from you by email, fax or telephone; from messages via our website; if we are missing any essential communication data, also from searches on the internet. In some cases, we also receive your contact details from external cooperation partners.

What do we use these data for, and what is the legal basis for such use?

Performance of contractual relationships (Art. 6 (1b) of the EU-GDPR): Generally, you have a business relationship with us (ongoing contract), or the data processing is necessary to carry out pre-contractual measures at your request, e.g.:

For the execution of contractual relationships such as ordered surveys, and for the billing of services purchased. To fulfill your requests and improve our offerings based on a balancing of interests (Art. 6 para. 1f of the EU-GDPR): To ensure orderly operation and optimize our offer: We monitor the use of our services in order to ensure capacity utilization and IT security. This is done on the basis of IP addresses. We do not merge the IP addresses used with your user account data. To comply with legal requirements (Art. 6 para. 1c of the EU-GDPR): As a special-purpose enterprise of the Foundation for Pathobiochemistry and Molecular Diagnostics, we are subject to numerous provisions of fiscal and commercial law. We must process and store your data in order to comply with these provisions.

Based on your consent (Art. 6 (1a) of the EU-GDPR): In some cases, you have given us your consent to process your data. You can revoke this consent at any time. This also applies to consents given before the EU-GDPR came into force, i.e. before May 25, 2018.

How long will we store your data?

Various time limits apply to the storage of your data:

Data with relevance under fiscal law are generally stored for 10 years

Data with relevance under commercial law are generally stored for 6 years

External service providers

We collaborate with a number of external service providers who support us in the furnishing of our services. All these service providers have been carefully selected by us and contractually obligated to diligently comply with all relevant data protection regulations. Concomitantly, we disclose only the data required to use these services.

Disclosure to other survey organizers

If you have registered with us for a survey that is carried out by one of our cooperation partners (e.g. TH thrombophilia screening at ECAT), we will pass on all relevant data to the cooperation partner for performance of the survey.

What other rights do you have?

The right of access to information and the rights to rectification, to erasure, and to restriction of processing

In accordance with Articles 14–17 of the EU GDPR, we hereby inform you that you have the right to access to or rectification of, erasure of, or restriction of the processing of your data at any time.

Right of revocation

If you have given us your consent to process your data, you can revoke this consent at any time without affecting the lawfulness of processing based on your consent before its withdrawal.

Right to complain

You have the right to lodge a complaint with a competent supervisory authority at any time.

Landesbeauftragte für Datenschutz und Informationsfreiheit Nordrhein-Westfalen (State Commissioner for Data Protection and Freedom of Information North Rhine-Westphalia)

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Further information

If you have any questions, please do not hesitate to contact us.



Application for Thrombophilia screening 2025



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Thrombophilia screening 2025 please cross on the back

Dear participant,

If you are already registered as participant, please enter your participant number. This will be sufficient unless your address has changed.

participant no

new client ☐

Delivery address

Name / Institute:

.....

Street:

Postcode / City:

Country:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT no.:

Contact person:

Invoice address if different from delivery address

Name / Institute:

.....

Street:

Postcode / City:

VAT no.:

Telephone:

Telefax:

E-mail:

In accordance with the participation conditions for the survey "Thrombophilia screening" in cooperation with the Dutch organization ECAT, I hereby declare my participation in the ordered survey outlined in the current survey plan (see side back).

For information about our data policy, please refer to our data protection declaration on page 68.

Your comment

.....

.....

.....

.....

Date

Signature



Application form for Thrombophilia screening 2025

participant no

new client ☐

We cannot accept cancellations during the annual program.

Annual subscription fee

1	☐ result submission via Internet/report internet (ECAT Website)	162,00 €
Analytes four times yearly: TH1/25, TH2/25, TH3/25, TH4/25		
1	☐ Thrombophilia module I Includes an annual report on the long-time evaluation of test results Antithrombin (activity and antigen) Protein C (activity [chromogenic and clotting] and antigen) Protein S activity Protein S antigen (free and total)	443,00 €
2	☐ Thrombophilia module II (APC resistance)	180,00 €
3	☐ Lupus Anticoagulant/Antiphospholipid Antibodies	216,00 €
4	☐ Von Willebrand Factor module (antigen, ristocetin cofactor activity, activity, collagen binding, multimers, Factor VIII)	336,00 €
5	☐ ADAMTS-13 - I (activity and antigen)	237,00 €
6	☐ Factor XIII (activity and antigen)	166,00 €
7	☐ Fibrinolysis parameters I (Plasminogen, Antiplasmin)	163,00 €
8	☐ Fibrinolysis parameters II (t-PA, PAI-1)	163,00 €
9	☐ Unfractionated Heparin Monitoring (anti-Xa)	146,00 €
A	☐ Low-Molecular Weight Heparin Monitoring (anti-Xa)	146,00 €
Analytes two times yearly:		
B	☐ Factor VIII Inhibitor (TH2/25 + TH4/25)	224,00 €
C	☐ Thrombin Generation Test (TH1/25 + TH3/25)	169,00 €
D	☐ ADAMTS-13 - II (antibodies) (TH2/25 + TH4/25)	154,00 €
E	☐ Factor IX Inhibitor (TH1/25 + TH3/25)	224,00 €
F	☐ HIT - I (Immunological testing) (TH1/25 + TH3/25)	253,00 €
G	☐ ADAMTS-13 - III (functional inhibitor) (TH2/25 + TH4/25)	202,00 €



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