

Surveys 2016

Reference Institute for Bioanalytics
Akkredited to DIN EN ISO/IEC 17043



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Dear participant,
Dear interested party,

The Reference Institute for Bioanalytics (RfB) has been appointed as an EQA test organisation by the German Medical Association. With our 2016 programme, we will be offering you the whole range of EQAS as stipulated in the quality assurance guidelines for laboratory testing. We have restructured our programme in accordance with these guidelines so as to provide you with a clearer overview of our comprehensive range.

We will also be offering you surveys for approx. 150 further analytes for the purposes of controlling the quality of your range of analyses not covered by the German guidelines. This offer will be continuously extended, be it through information that you provide us with in the course of participant questionnaires or through short e-mails on your part to info@dgkl-rfb.de.

Our surveys have been web-based at the RfB for several years now, i.e. ordering, measured data input and analysis (as PDF) are available online. Use this option, it offers you many advantages (see page 5, web usage).

Valid quality control is dependent upon the quality that we provide you with. Our accredited calibration laboratories in Bonn and Hannover, the reference laboratories in Bad Oeynhausen, Mainz, Mannheim, Karlsruhe and Wuppertal as well as numerous scientific advisors all contribute significantly to the quality of the surveys on offer. We are more than happy to share this expertise with you for the purposes of further supporting you in your daily work.

We look forward to working with you!

Best regards
On behalf of the RfB team



Dr. Rolf Kruse



Dr. Wolf-Jochen Geilenkeuser



Dr. Anja Kessler

Topics

[Subscription](#)..... page 52

Subscription is possible also for single surveys.

Your individual order will automatically be renewed annually as long as you do not cancel subscription.

Titles of individual chapters

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

New surveys

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This survey we will offer in 2016 two times.

[EG Ethylglucuronide](#)..... page 10

This survey we will offer in 2016 two times.

[OS Bone metabolism](#)..... page 16

This survey we will offer in 2016 two times.

[SV Saliva diagnostic](#)..... page 19

This survey we will offer in 2016 two times.

Alteration

- The name of the „MultiVir“ surveys was changed to „PolyVir1“.
- The name of the „MultVir2“ surveys was changed to „PolyVir2“.
- From 2016 the analyte quinidine (so far in the survey AK) will no longer be offered.

New orders

When ordering new surveys with sets please notice the correct entering of the sets desired.

Fees

Please note that the prices given in this program are net prices.

If you have any questions concerning External Quality Control or our brochure

please call +49 228 926895-0

or send us an e-mail info@dgkl-rfb.de

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Qualitative determinations

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The Reference Institute for Bioanalytics has moved it's website to the handy address

www.rfb.bio

(however, the old address www.dgkl-rfb.de remains valid).

Open to all interested people, you can find there:

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

Registered online users have (after login) more possibilities to handle the whole 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.
- Convenient management of multiple participation numbers by "fast user switching" with reduced login effort.
- Shipment options with reduced paper consumption.
- Summary over finished surveys per year.
- **To register:**
Please use the corresponding link on our homepage or use the form on the next page.
- For any questions or comments please contact us via e-mail: info@dgkl-rfb.de



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Dear participant,

The registration as online user can only take place, if you are applied for surveys.

participant no

Address

Institute:

Name:

Street:

City:

Telephone:

Fax:

Contact person:

Registration as online user

E-mail-address:

Your comment

.....
.....
.....

.....
Date

.....
Signature

Quantitative determinations

AD Automatic differential count

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AD1/16	04.01.16	27.01.16	28.01.16	03.02.16
AD2/16	11.04.16	11.05.16	12.05.16	18.05.16
AD3/16	27.06.16	20.07.16	21.07.16	27.07.16
AD4/16	12.09.16	05.10.16	06.10.16	12.10.16

€	Fee for each survey inclusive sample material, net prices plus VAT, plus special freight	28,00 €
	each additional pair of samples	23,00 €

> Sample material

blood, liquid, 2 samples each 1 ml

> Analytes

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

> Information

The samples have only a very limited stability and are sent to you therefore with an express or parcel courier. The costs will be added additionally.

AK Therapeutic drug monitoring

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
AK1/16	28.12.15	13.01.16	18.01.16	30.01.16
AK2/16	04.04.16	20.04.16	25.04.16	07.05.16
AK3/16	20.06.16	05.07.16	11.07.16	23.07.16
AK4/16	12.09.16	28.09.16	04.10.16	15.10.16

€	Fee for each survey inclusive sample material, net prices plus VAT	
	material	fee
	set 1	54,00 €
	set 2	45,50 €
	set 1 and set 2	80,00 €
		additional set
		34,00 €
		34,00 €
		68,00 €

> Sample material

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

> Analytes

set 1	set 2	
carbamazepine	amikacin	methotrexate
digoxin	caffein	tobramycin
ethosuximide	digitoxin	vancomycin
lithium	gentamycin	
phenobarbital		
	phenytoin	
	primidone	
	theophylline	
	valproic acid	

AM Ammonia

Survey	Application deadline	Sample dispatch date	survey period from	to
AM1/16	23.11.15	13.01.16	18.01.16	30.01.16
AM2/16	21.03.16	06.04.16	11.04.16	23.04.16
AM3/16	20.06.16	05.07.16	11.07.16	23.07.16
AM4/16	12.09.16	28.09.16	04.10.16	15.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

30,00 €
each additional pair of samples **15,00 €**

➤ **Sample material**

serum or control liquid, 2 samples each 1-3 ml (depending on the manufacturer of samples)

➤ **Analyte**

ammonia

BG Blood gas

Survey	Application deadline	Sample dispatch date	survey period from	to
BG1/16	04.01.16	20.01.16	25.01.16	06.02.16
BG2/16	29.03.16	13.04.16	18.04.16	30.04.16
BG3/16	11.07.16	27.07.16	01.08.16	13.08.16
BG4/16	04.10.16	19.10.16	24.10.16	05.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT

40,00 €
each additional pair of samples **20,00 €**

➤ **Sample material**

gas equilibrated solution, liquid , 2 ampoules each 2 ml

➤ **Analytes**

pH	calcium, ionized	potassium
pCO ₂	chloride	lactate
pO ₂	glucose	sodium

BI Neonatal bilirubin

Survey	Application deadline	Sample dispatch date	survey period from	to
BI1/16	28.12.15	13.01.16	18.01.16	30.01.16
BI2/16	29.03.16	13.04.16	18.04.16	30.04.16
BI3/16	27.06.16	13.07.16	18.07.16	30.07.16
BI4/16	26.09.16	12.10.16	17.10.16	29.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

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

➤ **Sample material**

serum, lyophilized, 2 samples each 2 ml

➤ **Analytes**

bilirubin, total	bilirubin, conjugated bilirubin, direct	bilirubin, unconjugated 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
CM1/16	18.01.16	03.02.16	08.02.16	20.02.16
CM2/16	11.04.16	27.04.16	02.05.16	14.05.16
CM3/16	27.06.16	13.07.16	18.07.16	30.07.16
CM4/16	12.09.16	28.09.16	04.10.16	15.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

material	fee	additional set
set 1	47,00 €	29,00 €
set 2	32,50 €	27,00 €
set 1 and set 2	71,00 €	56,00 €

▶ Sample material

serum, lyophilized
serum, lyophilized

set 1: 2 samples each 2 ml

set 2: 2 samples each 1 ml

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

▶ Analytes

set 1

CK-MB
myoglobine

NT-proBNP

cardiac troponin I

cardiac troponin T
test strips

set 2

BNP

CS Immunosuppressives

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
CS1/16	25.01.16	16.02.16	17.02.16	27.02.16
CS2/16	08.08.16	30.08.16	31.08.16	10.09.16

€ Fee for each survey inclusive sample material, net prices plus VAT

material	fee	additional set
set 1	39,00 €	27,00 €
set 2	34,00 €	14,00 €
set 1 and set 2	53,00 €	41,00 €

▶ Sample material

hemolyzed blood
hemolyzed blood

set 1: 4 samples each 1,5 ml

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
DD1/16	18.01.16	03.02.16	08.02.16	20.02.16
DD2/16	18.04.16	03.05.16	09.05.16	21.05.16
DD3/16	04.07.16	20.07.16	25.07.16	06.08.16
DD4/16	04.10.16	19.10.16	24.10.16	05.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT

	39,00 €
each additional pair of samples	20,00 €

GH Glycated hemoglobin

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
GH1/16	11.01.16	27.01.16	01.02.16	13.02.16
GH2/16	11.04.16	27.04.16	02.05.16	14.05.16
GH3/16	27.06.16	13.07.16	18.07.16	30.07.16
GH4/16	04.10.16	19.10.16	24.10.16	05.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT

47,00 €
each additional pair of samples 34,00 €

▶ **Sample material**

lyophilized full blood or hemolysate, 2 samples each 0,5 ml

▶ **Analytes**

Hb A1 Hb A1c

GL Glucose (wet and POCT/dry chemistry)

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
GL1/16	30.11.15	16.12.15	04.01.16	16.01.16
GL2/16	07.03.16	21.03.16	29.03.16	09.04.16
GL3/16	30.05.16	15.06.16	20.06.16	02.07.16
GL4/16	29.08.16	14.09.16	19.09.16	01.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

30,00 €
each additional pair of samples 18,00 €

▶ **Sample material**

serum, lyophilized, 2 samples each 2 ml
If special blood specimens are available we will use them instead of serum.

▶ **Analyte**

glucose

▶ **Information**

The survey „Glucose“ is offered to laboratories which 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). 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
GR1/16	18.01.16	03.02.16	08.02.16	20.02.16
GR2/16	18.04.16	03.05.16	09.05.16	21.05.16
GR3/16	04.07.16	20.07.16	25.07.16	06.08.16
GR4/16	04.10.16	19.10.16	24.10.16	05.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT

evaluation pair analytical results
1-5 52,50 €
6-10 60,00 €
each additional 5 pairs of analytical results 7,50 €
each additional pair of samples 32,00 €

> Sample material	plasma, lyophilized, 2 samples each 1 ml			
> Analytes	antithrombin III (AT III), activity and concentration	factor II	factor XI	
	fibrinogen	factor V	factor XII	
	INR	factor VII	factor XIII	
	prothrombin time (PT, Quick)	factor VIII		
	activated partial thromboplastin time (aPTT)	factor IX		
	thrombin time	factor X		

HA Hematology - Full blood count

Survey	Application deadline	Sample dispatch date	survey period from	to
HA1/16	04.01.16	26.01.16	27.01.16	03.02.16
HA2/16	11.04.16	10.05.16	11.05.16	18.05.16
HA3/16	27.06.16	19.07.16	20.07.16	27.07.16
HA4/16	12.09.16	04.10.16	05.10.16	12.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT	44,00 €
each additional pair of samples	33,00 €

> Sample material	prepared blood, liquid, 2 samples each 1,5 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.			

HM Hormones - Group 1

Survey	Application deadline	Sample dispatch date	survey period from	to
HM1/16	14.12.15	06.01.16	11.01.16	30.01.16
HM2/16	21.03.16	06.04.16	11.04.16	30.04.16
HM3/16	13.06.16	29.06.16	04.07.16	23.07.16
HM4/16	29.08.16	14.09.16	19.09.16	08.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT	evaluation pair analytical results	
	1-4	47,50 €
	5-8	51,50 €
	each additional 4 pairs analytical results	4,00 €
	each additional pair of samples	32,00 €

> Sample material	serum, lyophilized, 2 samples each 3 ml			
> Analytes	aldosterone	estradiol-17 β	17-OH-progesterone	T3, free
	cortisol	ferritin	TBG	T3, total
	DHEA-S	progesterone	testosterone	T4, free
				T4, total
				TSH
> Information	steroid hormones, thyroid hormones Free estriol can be determined only in the survey for pregnancy diagnostic (SD).			

HP Hormones - Group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HP1/16	14.12.15	06.01.16	11.01.16	30.01.16
HP2/16	21.03.16	06.04.16	11.04.16	30.04.16
HP3/16	13.06.16	29.06.16	04.07.16	23.07.16
HP4/16	29.08.16	14.09.16	19.09.16	08.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

evaluation pair analytical results	
1-2	33,50 €
3-6	37,50 €
each additional 4 pairs of analytical results	4,00 €
each additional pair of samples	22,50 €

▶ Sample material

serum, lyophilized, 2 samples each 3 ml

▶ Analytes

ferritin	IGF-1	parathormone	SHBG
folic acid	IGFBP-3	prolactin	vitamin B ₁₂
FSH	insulin	renin / renin-activity	
hGH (somatotropin/growth hormone)	LH		

IG Serum proteins

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
IG1/16	28.12.15	12.01.16	18.01.16	30.01.16
IG2/16	04.04.16	19.04.16	25.04.16	07.05.16
IG3/16	20.06.16	05.07.16	11.07.16	23.07.16
IG4/16	12.09.16	27.09.16	04.10.16	15.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

evaluation pair analytical results	
1-2	43,00 €
3-6	47,00 €
each additional 4 pairs analytical results	4,00 €
each additional pair of samples	32,00 €

▶ Sample material

serum, liquid, 2 samples each 1 ml

▶ Analytes

albumin	CRP	haptoglobin	IgM
α1-antitrypsin	cystatin C	IgA	transferrin
α1-glycoprotein	C3 complement	IgE	sol. transferrin receptor
coeruloplasmin	C4 complement	IgG	CRP qualitative

IS Immunophenotyping (flow cytometry)

Survey	Application deadline	Sample dispatch date	survey period from	to
IS1/16	01.02.16	22.02.16	23.02.16	25.02.16
IS2/16	22.08.16	12.09.16	13.09.16	15.09.16

€ Fee for each survey inclusive sample material, net prices plus VAT, plus special freight

40,00 €

each additional pair of samples

25,50 €

▶ 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-B27
lymphocyte count	T-helper cells	

▶ Information

The samples have only a very limited stability and are sent to you therefore with an express or parcel courier. The costs will be added additionally.

KL Clinical chemical analytes in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period from	to
KL1/16	04.01.16	20.01.16	25.01.16	06.02.16
KL2/16	14.03.16	30.03.16	04.04.16	16.04.16
KL3/16	06.06.16	22.06.16	27.06.16	09.07.16
KL4/16	05.09.16	21.09.16	26.09.16	08.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

42,00 €

each additional set of samples

24,00 €

▶ Sample material

CSF, lyophilized	2 samples each 3 ml
serum, lyophilized	2 samples each 1 ml

▶ Analytes

albumin	glucose	IgG	IgM	indices
total protein	lactate	IgA	quotients	diagnoses

▶ 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
KS1/16	30.11.15	16.12.15	04.01.16	09.01.16
KS2/16	25.01.16	10.02.16	15.02.16	20.02.16
KS3/16	07.03.16	21.03.16	29.03.16	04.04.16
KS4/16	25.04.16	11.05.16	17.05.16	23.05.16
KS5/16	06.06.16	22.06.16	27.06.16	02.07.16
KS6/16	18.07.16	03.08.16	08.08.16	13.08.16
KS7/16	05.09.16	21.09.16	26.09.16	01.10.16
KS8/16	10.10.16	26.10.16	31.10.16	05.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT

evaluation pair analytical results	
1-8	42,00 €
9-12	45,00 €
each additional 4 pairs analytical results	3,00 €
each additional pair of samples	23,00 €

➤ **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 protein, total	sodium
alkaline phosphatase	GLDH, glutamate dehydrogenase	pancreatic amylase
ALT, alanine aminotransferase (GPT)	glucose	phosphorus, inorganic
AST, aspartate aminotransferase (GOT)	uric acid	acid phosphatase, total
bilirubin, direct	urea	acid phosphatase, prostate (only enzyme activity)
bilirubin, total	potassium	triglycerides
calcium	creatinine	
calcium, ionized	copper	
chloride	lactate	
cholesterol	LDH, lactate dehydrogenase	
cholinesterase		

KU Clinical chemical analytes in urine

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
KU1/16	04.01.16	20.01.16	25.01.16	06.02.16
KU2/16	14.03.16	30.03.16	04.04.16	16.04.16
KU3/16	06.06.16	22.06.16	27.06.16	09.07.16
KU4/16	05.09.16	21.09.16	26.09.16	08.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

	41,00 €
each additional pair of samples	27,00 €

➤ **Sample material**

urine, lyophilized, 2 samples each 5 ml

➤ **Analytes**

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

➤ **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
LP1/16	25.01.16	10.02.16	15.02.16	27.02.16
LP2/16	11.04.16	27.04.16	02.05.16	14.05.16
LP3/16	27.06.16	13.07.16	18.07.16	30.07.16
LP4/16	19.09.16	05.10.16	10.10.16	22.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

43,00 €
each additional pair of samples **25,50 €**

▶ **Sample material**

serum, lyophilized, 2 samples each 3 ml

▶ **Analytes**

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

OH Hemoglobin derivates

Survey	Application deadline	Sample dispatch date	survey period from	to
OH1/16	04.01.16	20.01.16	25.01.16	06.02.16
OH2/16	29.03.16	13.04.16	18.04.16	30.04.16
OH3/16	11.07.16	27.07.16	01.08.16	13.08.16
OH4/16	04.10.16	19.10.16	24.10.16	05.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT

33,00 €
each additional pair of samples **17,00 €**

▶ **Sample material**

hemolysate, lyophilized, 2 samples each 0,5 ml

▶ **Analytes**

hemoglobin (total)	oxyhemoglobin (HbO ₂)	carboxyhemoglobin (COHb)	methemoglobin (metHb)
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OS Bone metabolism

Survey	Application deadline	Sample dispatch date	survey period from	to
OS1/16	23.01.16	13.04.16	18.04.16	30.04.16
OS2/16	30.05.16	21.09.16	26.09.16	08.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

85,00 €
each additional pair of samples **48,00 €**

▶ **Sample material**

serum, lyophilized, 2 samples each 2 ml

▶ **Analyte**

osteocalcin, bone specific alkaline phosphatase (BAP), CTx (CrossLaps) and P1NP

PH Photometer control

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
PH1/16	18.01.16	03.02.16	08.02.16	20.02.16
PH2/16	15.08.16	31.08.16	05.09.16	17.09.16

€ Fee for each survey inclusive sample material, net prices plus VAT

27,00 €

each additional set of samples

18,00 €

▶ Sample material

watery coloured solutions, 6 ampoules each 10 ml

▶ Wave lengths

260 nm	340 nm	546 nm
280 nm	365 / 366 nm	560 nm
334 nm	405 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 wave lengths listed can be tested.

RE Reticulocytes

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
RE1/16	12.10.15	26.01.16	27.01.16	03.02.16
RE2/16	11.04.16	10.05.16	11.05.16	18.05.16
RE3/16	27.06.16	19.07.16	20.07.16	27.07.16
RE4/16	12.09.16	04.10.16	05.10.16	12.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

50,50 €

each additional pair of samples

34,00 €

▶ Sample material

blood preparation, liquid, 2 samples each about 1 ml

▶ Analytes

reticulocyte count

▶ Information

The samples can be used for a counting by visual microscopy or by automated cell counting.

RF Rheumatoid factors

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
RF1/16	08.02.16	24.02.16	29.02.16	12.03.16
RF2/16	25.04.16	11.05.16	17.05.16	28.05.16
RF3/16	18.07.16	03.08.16	08.08.16	20.08.16
RF4/16	19.09.16	05.10.16	10.10.16	22.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

material	fee	additional set
set 1	35,50 €	21,00 €
set 2	24,00 €	17,50 €
set 1 and set 2	47,50 €	38,50 €

> Sample material

serum, lyophilized, 2 samples each 1 ml

> Analytes

set 1

rheumatoid factors

anti-CCP-Ab (anti-cyclic citrullinated peptide antibodies)

IgA-RF

IgG-RF

IgM-RF

set 2

anti-streptolysin O

A qualitative assessment is also possible.

SA Thyroid antibodies

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
SA1/16	14.12.15	09.03.16	14.03.16	26.03.16
SA2/16	23.05.16	10.08.16	15.08.16	27.08.16

€ Fee for each survey inclusive sample material, net prices plus VAT

	47,00 €
each additional pair of samples	34,00 €

> 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
SD1/16	14.12.15	06.01.16	11.01.16	30.01.16
SD2/16	21.03.16	06.04.16	11.04.16	30.04.16
SD3/16	13.06.16	29.06.16	04.07.16	23.07.16
SD4/16	29.08.16	14.09.16	19.09.16	08.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

material	fee	additional set
set 1	39,00 €	22,00 €
set 2	35,00 €	25,00 €
set 1 and set 2	65,00 €	47,00 €

<p>▶ Sample material serum, lyophilized</p>	<p>set 1: 2 samples each 2 ml set 2: 2 samples each 1 ml</p>	<p>In set 2 (free estriol) nativ, human samples are used.</p>
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▶ **Analytes**

set 1
AFP
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
SP1/16	08.02.16	24.02.16	29.02.16	19.03.16
SP2/16	25.07.16	10.08.16	15.08.16	03.09.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

48,00 €
each additional pair of samples **34,00 €**

▶ **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
SV1/16	25.01.16	13.04.16	18.04.16	30.04.16
SV2/16	30.05.16	21.09.16	26.09.16	08.10.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

32,00 €
each additional pair of samples **22,00 €**

▶ **Sample material**

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

▶ **Analyte**

cortisol, 17-OH-progesterone

TH Thrombophilia screening

Survey	Application deadline	Dispatch date	Closing date
TH1/16	07.12.15	01.03.16	02.04.16
TH2/16		24.05.16	25.06.16
TH3/16		23.08.16	24.09.16
TH4/16		08.11.16	10.12.16

€ Fee for each survey inclusive sample material, net prices plus VAT

Please note, that you can order only all the **two** resp. **four** surveys of the year together!
An order of a single survey (one/two times a year) is not possible in this case.

	Fee
Result submission via internet/report internet, annual subscription fee	86,00 €
Result submission via internet/report internet+post, annual subscription fee	123,50 €

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

Thrombophilia module	435,00 €
Lupus Anticoagulant / Antiphospholipid Antibodies	132,50 €
Von Willebrand Faktor module (antigen, activity, collagen binding, multimers, Factor VIII)	121,00 €
ADAMTS-13 (activity and antigen)	153,75 €
ADAMTS-13 (inhibitor)	153,75 €
Factor XIII	121,00 €
Fibrinolyse parameters I (Plasminogen, Antiplasmin)	121,00 €
Fibrinolyse parameters II (t-PA, PAI-1)	121,00 €
Unfractionated Heparin Monitoring (anti-Xa)	112,75 €
Low-Molecular Weight heparin Monitoring (anti-Xa)	112,75 €

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

Faktor VIII Inhibitor	136,00 €
Thrombin Generation Test	130,00 €
Factor IX Inhibitor	136,00 €

The following prices are valid in each case for one survey

HIT - Immunological assays	79,50 €
HIT - Functional assays	95,00 €

▶ Sample material

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

▶ Analytes 4 per year: TH1/16, TH2/16, TH3/16, TH4/16

Thrombophilia module

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

Antithrombin (activity and antigen)	Protein S antigen (free and total)
Protein C (activity [chromogenic and clotting] and antigen)	APC Resistance
Protein S activity	

Lupus Anticoagulant / Antiphospholipide Antibodies

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

ADAMTS-13 (activity and antigen)

ADAMTS-13 (inhibitor)

Factor XIII

Fibrinolyse parameters I (Plasminogen, Antiplasmin)

Fibrinolyse 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 (TH2/16 + TH4/16)

Thrombin Generation Test (TH2/16 + TH4/16)

Faktor IX Inhibitor (TH1/16 + TH3/16)

▶ Analytes 1 per year:

HIT - Immunological assays (TH3/16)

HIT - Functional Testing (TH3/16)

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 with different volume (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 programme.

From 2016 on the result submission is only possible via internet.

TM Tumor markers

Survey	Application deadline	Sample dispatch date	survey period from	to
TM1/16	14.12.15	06.01.16	11.01.16	30.01.16
TM2/16	21.03.16	06.04.16	11.04.16	30.04.16
TM3/16	13.06.16	29.06.16	04.07.16	23.07.16
TM4/16	29.08.16	14.09.16	19.09.16	08.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

evaluation pair analytical results	
1-2	41,00 €
3-6	46,00 €
each additional 4 pairs of analytical results	5,00 €
each additional pair of samples	33,00 €

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

TR Clinical chemical analytes in serum „dry chemistry“

Survey	Application deadline	Sample dispatch date	survey period from	to
TR1/16	30.11.15	16.12.15	04.01.16	16.01.16
TR2/16	07.03.16	21.03.16	29.03.16	09.04.16
TR3/16	20.06.16	05.07.16	11.07.16	23.07.16
TR4/16	19.09.16	05.10.16	10.10.16	22.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

evaluation pair analytical results	
1-8	39,50 €
9-12	43,50 €
each additional 4 pairs of analytical results	4,00 €
each additional pair of samples	22,00 €

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.

TS Neonatal screening

Survey	Application deadline	Sample dispatch date	survey period from	to
TS1/16	28.12.15	13.01.16	18.01.16	06.02.16
TS2/16	29.03.16	13.04.16	18.04.16	07.05.16
TS3/16	20.06.16	05.07.16	11.07.16	30.07.16
TS4/16	05.09.16	21.09.16	26.09.16	15.10.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

43,00 €
each additional set of samples **26,00 €**

Sample material
filter papers, each with 2 dried blood spots

Analytes
TSH
17-OH-progesterone
IRT
PAP

UZ Urine cell count

Survey	Application deadline	Sample dispatch date	survey period from	to
UZ1/16	07.03.16	30.03.16	04.04.16	16.04.16
UZ2/16	12.09.16	28.09.16	04.10.16	15.10.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

32,00 €
each additional pair of samples **20,00 €**

Sample material
Urine, liquid, 2 samples each 5 ml

Analytes
erythrocyte count only with flow cytometry or automated microscopy
leukocyte count

Information
For deliveries abroad additional freight charges will be invoiced possibly.

VT Vitamins and analgesics

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
VT1/16	22.02.16	09.03.16	14.03.16	26.03.16
VT2/16	25.07.16	10.08.16	15.08.16	27.08.16

€ Fee for each survey inclusive sample material, net prices plus VAT

39,00 €

each additional pair of samples

24,00 €

> 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	(D3, 25-OH-cholecalciferol), 1,25-(OH) ₂ -D3	
vitamin E	(tocopherol) and vitamin D total	

ZL Cell count in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
ZL1/16	31.10.15	02.03.16	07.03.16	12.03.16
ZL2/16	20.06.16	21.09.16	26.09.16	01.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

63,50 €

each additional pair of samples

45,00 €

> Sample material

cerebrospinal fluid, 2 samples each about 2 ml

> Analytes

erythrocyte count
leukocyte count

> Information

In this survey erythrocytes (red cells) and leukocytes (white cells) can be counted with visual methods (microscope) or electronic methods from a cerebrospinal fluid.

ZY Cytokines

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
ZY1/16	08.02.16	24.02.16	29.02.16	12.03.16
ZY2/16	18.04.16	03.05.16	09.05.16	21.05.16
ZY3/16	18.07.16	03.08.16	08.08.16	20.08.16
ZY4/16	19.09.16	05.10.16	10.10.16	22.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

39,50 €

each additional pair of samples

23,50 €

> Sample material

serum, lyophilized, 2 samples each 2 ml

> Analytes

Interleukin-6	(IL-6)	lipopolysaccharide-binding-protein (LBP)	Additionally PCT can also be determined with half quantitative procedures.
Interleukin-8	(IL-8)	procalcitonin (PCT)	
Interleukin-10	(IL-10)	soluble IL-2 receptor (sIL-2R)	
		tumor necrosis factor-alpha (TNF α)	

Qualitative determinations

AI Antinuclear antibodies

Survey	Application deadline	Sample dispatch date	survey period from	to
AI1/16	28.12.15	02.03.16	07.03.16	19.03.16
AI2/16	04.07.16	07.09.16	12.09.16	24.09.16

€ Fee for each survey inclusive sample material, net prices plus VAT

material	fee	additional set
set 1	69,00 €	42,00 €
set 2	69,00 €	42,00 €
set 1 and set 2	123,00 €	84,00 €

> Sample material

serum, 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
AL1/16	01.02.16	17.02.16	22.02.16	05.03.16
AL2/16	25.04.16	11.05.16	17.05.16	28.05.16
AL3/16	18.07.16	03.08.16	08.08.16	20.08.16
AL4/16	26.09.16	12.10.16	17.10.16	29.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

material	fee	additional set
set 1	25,00 €	11,00 €
set 2	57,50 €	38,00 €
set 1 and set 2	67,50 €	49,00 €

> Sample material

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

The volume of the specimens in some cases may be different depending on the producer.

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

AL1/16: birch (t3), mites (d1), peanut (f13), honey bee venom (i1), wheat flour (f4), apple (f49)
 AL2/16: common ragweed (w1), cat epithelia (e1), strawberry (f44), wasp venom (i3), cow's milk protein (f2), mites (d2)
 AL3/16: birch (t3), mites (d1), peanut (f13), honey bee venom (i1), rye flour (f5), mugwort (w6)
 AL4/16: common ragweed (w1), dog danders (e5), strawberry (f44), wasp venom (i3), celery (f85), soybean (f14)

> Analytes

IgE
 specific IgE antibodies

➤ **Information**

From a large number of possible IgE-antibodies we will supply for investigation changing groups of antibodies. 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
BorrBimm1/16	04.04.16	18.05.16	23.05.16	04.06.16
BorrBimm2/16	22.08.16	05.10.16	10.10.16	22.10.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

45,00 €
each additional set of samples **25,00 €**

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

IgG, IgM, total

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

CMVimm CMV serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
CMVimm1/16	11.01.16	16.03.16	21.03.16	02.04.16
CMVimm2/16	27.06.16	31.08.16	05.09.16	17.09.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

84,00 €
each additional set of samples **42,00 €**

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

Anti-CMV IgG + total Anti-CMV IgM

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

DF Hematology - Differential blood count

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
DF1/16	11.01.16	27.01.16	01.02.16	13.02.16
DF2/16	04.04.16	20.04.16	25.04.16	07.05.16
DF3/16	04.07.16	20.07.16	25.07.16	06.08.16
DF4/16	12.09.16	28.09.16	04.10.16	15.10.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

40,50 €
each additional pair of samples **20,50 €**

➤ **Sample material**

2 blood slides, **stained** Pappenheim

DS Drug screening in urine

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
DS1/16	01.02.16	17.02.16	22.02.16	05.03.16
DS2/16	25.04.16	11.05.16	17.05.16	28.05.16
DS3/16	11.07.16	27.07.16	01.08.16	13.08.16
DS4/16	19.09.16	05.10.16	10.10.16	22.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

57,00 €
each additional pair of samples 33,00 €

> Sample material

urine, lyophilized, 2 samples each 10 ml

> Analytes

amphetamines etc.	(about 30 different)	methadon/metab.	
barbiturates	(about 30 different)	methaqualon/metab.	
benzodiazepines	(about 50 different)	opiates/opioids	(about 30 different)
cannabinoids		phencyclidine	
cocain/metab.		propoxyphene	
LSD		tricycl. antidepressants	(about 10 different)

> Information

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

HAVimm HAV serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HAVimm1/16	11.01.16	16.03.16	21.03.16	02.04.16
HAVimm2/16	27.06.16	31.08.16	05.09.16	17.09.16

€ Fee for each survey inclusive sample material, net prices plus VAT

65,50 €
each additional set of samples 42,00 €

> Sample material

4 liquid samples of defibrinated plasma or serum

> Analytes

Anti-HAV IgG	Anti-HAV IgM	Anti-HAV total
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> Information

For deliveries abroad additional freight charges will be invoiced possibly.

HBVimm1 HBV serology minor

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HBVimm11/16	11.01.16	16.03.16	21.03.16	02.04.16
HBVimm12/16	27.06.16	31.08.16	05.09.16	17.09.16

€ Fee for each survey inclusive sample material, net prices plus VAT

84,00 €
each additional set of samples 42,00 €

> Sample material

4 liquid samples of defibrinated plasma or serum

>	Analytes			
	HBsAg	Anti-HBs	Anti-HBc	

- > **Information**
For deliveries abroad additional freight charges will be invoiced possibly.

HBVimm2 HBV serology major

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HBVimm21/16	11.01.16	16.03.16	21.03.16	02.04.16
HBVimm22/16	27.06.16	31.08.16	05.09.16	17.09.16

€	Fee for each survey inclusive sample material, net prices plus VAT	112,00 €
	each additional set of samples	56,00 €

- > **Untersuchungsmaterial**
4 liquid samples of defibrinated plasma or serum

>	Analytes			
	HBsAg	Anti-HBc	Anti-HBe	
	Anti-HBs	HBe	Anti-HBc-IgM	

- > **Information**
For deliveries abroad additional freight charges will be invoiced possibly.

HCVimm HCV serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HCVimm1/16	11.01.16	16.03.16	21.03.16	02.04.16
HCVimm2/16	27.06.16	31.08.16	05.09.16	17.09.16

€	Fee for each survey inclusive sample material, net prices plus VAT	84,00 €
	each additional set of samples	42,00 €

- > **Sample material**
4 liquid samples of defibrinated plasma or serum

>	Analytes	
	Anti-HCV IgG + IgM	

- > **Information**
For deliveries abroad additional freight charges will be invoiced possibly.

HIVimm HIV serology

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HIVimm1/16	11.01.16	16.03.16	21.03.16	02.04.16
HIVimm2/16	27.06.16	31.08.16	05.09.16	17.09.16

€	Fee for each survey inclusive sample material, net prices plus VAT	112,00 €
	each additional set of samples	56,00 €

- > **Sample material**
4 liquid samples of defibrinated plasma or serum

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

▶ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

HS Urinary calculus

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HS1/16	01.02.16	17.02.16	22.02.16	05.03.16
HS2/16	25.07.16	10.08.16	15.08.16	27.08.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

32,50 €
each additional set of samples **12,00 €**

▶ **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
HTLVimm1/16	01.02.16	17.02.16	22.02.16	05.03.16
HTLVimm2/16	25.07.16	10.08.16	15.08.16	27.08.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

85,00 €
each additional set of samples **42,00 €**

▶ **Sample material**

lyophilized plasma, 4 samples

▶ **Analytes**

Human T-lymphotropic virus

▶ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

IA Immunohematology for automated systems

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
IA1/16	18.01.16	09.02.16	10.02.16	20.02.16
IA2/16	29.03.16	19.04.16	20.04.16	30.04.16
IA3/16	11.07.16	02.08.16	03.08.16	13.08.16
IA4/16	26.09.16	18.10.16	19.10.16	29.10.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

79,50 €
each additional set of samples **42,00 €**

▶ **Sample material**

whole blood, liquid 2 samples each about 3 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 Immunoematology Major (extended offer)

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
IH1/16	04.01.16	26.01.16	27.01.16	06.02.16
IH2/16	21.03.16	12.04.16	13.04.16	23.04.16
IH3/16	20.06.16	12.07.16	13.07.16	23.07.16
IH4/16	19.09.16	11.10.16	12.10.16	22.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

57,00 €

each additional set of samples

30,00 €

▶ Sample material

erythrocyte suspension, liquid 2 samples each about 2 ml
 serum, liquid 2 samples each about 6 ml

▶ Analytes

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

▶ Information

In this survey additionally to the analytes of the basic program (Minor) antibody differentiation is included.

IM Immunoematology Minor (basic programm)

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
IM1/16	04.01.16	26.01.16	27.01.16	06.02.16
IM2/16	21.03.16	12.04.16	13.04.16	23.04.16
IM3/16	20.06.16	12.07.16	13.07.16	23.07.16
IM4/16	19.09.16	11.10.16	12.10.16	22.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

49,00 €

each additional set of samples

24,50 €

▶ Sample material

erythrocyte suspension, liquid 2 samples about 2 ml
 serum, liquid 2 samples about 3 ml

▶ Analytes

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

KUST Clinical chemistry from urine, test strip and pregnancy test, qualitative

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
KUST1/16	04.01.16	20.01.16	25.01.16	06.02.16
KUST2/16	14.03.16	30.03.16	04.04.16	16.04.16
KUST3/16	06.06.16	22.06.16	27.06.16	09.07.16
KUST4/16	05.09.16	21.09.16	26.09.16	08.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

22,00 €

each additional pair of samples

15,00 €

>	Sample material	urine, lyophilized qualitative, 2 samples each 5 ml, investigation for test strips		
>	Analytes			
	Test strip	pH	hemoglobin	pregnancy
	bilirubin	protein	leukocytes	specific gravity
	ketone	glucose	nitrite	urobilinogen

OB Oligoclonal bands in cerebrospinal fluid (CSF)

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
OB1/16	22.02.16	09.03.16	14.03.16	02.04.16
OB2/16	08.08.16	24.08.16	29.08.16	17.09.16

€	Fee for each survey inclusive sample material, net prices plus VAT	37,50 €
	each additional pair of samples	19,00 €

>	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
pvB19imm1/16	11.01.16	16.03.16	21.03.16	02.04.16
pvB19imm2/16	27.06.16	31.08.16	05.09.16	17.09.16

€	Fee for each survey inclusive sample material, net prices plus VAT	84,00 €
	each additional set of samples	42,00 €

>	Sample material	4 liquid samples of defibrinated plasma or serum		
>	Analytes	Anti-Parvovirus B19 IgG + total	Anti-Parvovirus B19 IgM	
>	Information	For deliveries abroad additional freight charges will be invoiced possibly.		

RoetLimm Anti-Rubella-Virus

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
RoetLimm1/16	04.04.16	18.05.16	23.05.16	04.06.16
RoetLimm2/16	22.08.16	05.10.16	10.10.16	22.10.16

€	Fee for each survey inclusive sample material, net prices plus VAT	45,00 €
	each additional set of samples	25,00 €

>	Sample material	4 liquid samples of defibrinated plasma or serum		
>	Analytes	IgG, IgM, total		

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

SX Systematic toxicologic analysis

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
SX1/16	29.02.16	20.04.16	25.04.16	14.05.16
SX2/16	27.06.16	17.08.16	22.08.16	10.09.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

84,50 €
each additional pair of samples 56,00 €

➤ **Sample material**

urine, lyophilized, 2 samples each 10 ml

➤ **Analytes**

From a list of 30 substances, 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
ToxoGimm1/16	04.04.16	18.05.16	23.05.16	04.06.16
ToxoGimm2/16	22.08.16	05.10.16	10.10.16	22.10.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

45,00 €
each additional set of samples 25,00 €

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

IgG, IgM, total

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

TrepPimm Anti-Treponema pallidum

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
TrepPimm1/16	04.04.16	18.05.16	23.05.16	04.06.16
TrepPimm2/16	22.08.16	05.10.16	10.10.16	22.10.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

45,00 €
each additional set of samples 25,00 €

➤ **Sample material**

4 liquid samples of defibrinated plasma or serum

➤ **Analytes**

IgG, IgM, total

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

TX Toxicologic analyses

Survey	Application deadline	Sample dispatch date	survey period from	to
TX1/16	01.02.16	17.02.16	22.02.16	05.03.16
TX2/16	11.07.16	27.07.16	01.08.16	13.08.16

€ Fee for each survey inclusive sample material, net prices plus VAT

45,00 €

each additional pair of samples

32,00 €

➤ Sample material

urine, lyophilized 1 sample 10 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. To succeed in this survey generally the use of chromatographic methods is essentially.

US Urine sediment

Survey	Application deadline	Dispatch date of instruction	survey period from	to
US1/16	07.03.16	30.03.16	04.04.16	16.04.16
US2/16	12.09.16	28.09.16	04.10.16	15.10.16

€ Fee for each survey, net prices plus VAT

22,00 €

➤ 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
VariAimm1/16	04.04.16	18.05.16	23.05.16	04.06.16
VariAimm2/16	22.08.16	05.10.16	10.10.16	22.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

40,00 €

each additional set of samples

25,00 €

> Sample material

4 liquid samples of defibrinated plasma or serum

> Analytes

Set 1: Anti-Echinococcus IgG

Set 2: Anti-Entamoeba histolytica IgG

Set 3: Anti-Plasmodium IgG total

Set 4: Anti-Schistosoma IgG

Set 5: Anti-Candida albicans IgG

Set 6: Anti-Streptokokken-Desoxyribonuklease IgG

> Information

For deliveries abroad additional freight charges will be invoiced possibly.

ZZ Cerebrospinal fluid cytology

Survey	Application deadline	Dispatch date of instruction	survey period from	to
ZZ1/16	17.05.16	18.05.16	23.05.16	04.06.16
ZZ2/16	26.09.16	28.09.16	04.10.16	15.10.16

€ Fee for each survey, net prices plus VAT

40,00 €

> 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
BA1/16	11.04.16	18.05.16	23.05.16	04.06.16
BA2/16	05.09.16	12.10.16	17.10.16	29.10.16

€ **Fee for each survey inclusive sample material, net prices plus VAT** **84,50 €**

➤ **Sample material**

lyophilized control samples, 5 strains (samples A to E)

➤ **Investigation target**

identification and resistance testing

➤ **Information**

Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.

BakNAT1 Genome evidence group 1

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BakNAT1 1/16	14.03.16	27.04.16	02.05.16	14.05.16
BakNAT1 2/16	22.08.16	26.10.16	31.10.16	12.11.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

one analyte	150,00 €
each additional analyte	50,00 €

➤ **Sample material**

lyophilized DNA, 4 samples

➤ **Analytes**

- Analyte 1: Bordetella pertussis
- Analyte 2: Chlamydia pneumoniae
- Analyte 3: Mycoplasma pneumoniae
- Analyte 4: Coxiella burnetii
- Analyte 5: Francisella tularensis
- Analyte 6: Legionella pneumophila
- Analyte 7: MRSA
- Analyte 8: Chlamydia trachomatis

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

BakNAT2 Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
BakNAT2 1/16	14.03.16	27.04.16	02.05.16	14.05.16
BakNAT2 2/16	22.08.16	26.10.16	31.10.16	12.11.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

one analyte	150,00 €
each additional analyte	50,00 €

➤ **Sample material**

lyophilized DNA, 4 samples

> **Analytes**

Analyte 1: Salmonella enterica
Analyte 2: EHEC/STEC
Analyte 3: Helicobacter pylori
Analyte 4: Listeria monocytogenes
Analyte 5: Borrelia burgdorferi
Analyte 6: Neisseria gonorrhoeae

> **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

BAK TK Proficiency panel to detect bacteria in platelet concentrates

Survey	Application deadline	Sample dispatch date	survey period from	to
BAK TK1/16 Set 1	29.03.16	27.04.16	28.04.16	29.04.16
BAK TK1/16 Set 2 + 3	29.03.16	27.04.16	28.04.16	11.05.16
BAK TK2/16 Set 1	10.10.16	09.11.16	10.11.16	11.11.16
BAK TK2/16 Set 2 + 3	10.10.16	09.11.16	10.11.16	23.11.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

set 1	180,00 €	set 1 + 3	300,00 €
set 2	180,00 €	set 2 + 3	250,00 €
set 3	180,00 €	set 1 + 2 + 3	350,00 €

> **Sample material**

Set 1: 6 samples of platelet concentrates
Set 2 + 3: 6 samples of platelet concentrates

> **Investigation target**

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

> **Information**

Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.

BM Bacteriology Minor

Survey	Application deadline	Sample dispatch date	survey period from	to
BM1/16	11.04.16	18.05.16	23.05.16	04.06.16
BM2/16	05.09.16	12.10.16	17.10.16	29.10.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

61,00 €

> **Sample material**

lyophilized control samples, 3 strains (samples A to C)

> **Investigation target**

identification and resistance testing

> **Information**

Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.

ChlamTra Chlamydia trachomatis AG

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
ChlamTra1/16	14.03.16	27.04.16	02.05.16	14.05.16
ChlamTra2/16	22.08.16	26.10.16	31.10.16	12.11.16

€	Fee for each survey inclusive sample material, net prices plus VAT	50,00 €
	each additional set of samples	28,00 €

➤ **Sample material**

urine, 4 samples 0,5 ml

➤ **Analytes**

Chlamydia trachomatis antigen

➤ **Information**

Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.

CrypCand Cryptococcus neoformans and candida albicans antigen

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
CrypCand1/16	14.03.16	27.04.16	02.05.16	14.05.16
CrypCand2/16	22.08.16	26.10.16	31.10.16	12.11.16

€	Fee for each survey inclusive sample material, net prices plus VAT	60,00 €
	each additional set of samples	28,00 €

➤ **Sample material**

serum, 4 samples 0,5 ml

➤ **Analytes**

Cryptococcus neoformans and candida albicans antigen

➤ **Information**

Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.

GP Gram-staining

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
GP1/16	18.01.16	02.03.16	07.03.16	19.03.16
GP2/16	11.07.16	24.08.16	29.08.16	10.09.16

€	Fee for each survey inclusive sample material, net prices plus VAT	34,00 €
	each additional pair of samples	13,00 €

➤ **Sample material**

2 fixed unstained smears

➤ **Examination**

Judgement of staining and morphology

➤ **Information**

Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.

HEV PCR Hepatitis E virus

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
HEVpcr1/16	01.02.16	17.02.16	22.02.16	05.03.16
HEVpcr2/16	25.07.16	10.08.16	15.08.16	27.08.16

€	Fee for each survey inclusive sample material, net prices plus VAT	140,00 €
	each additional set of samples	56,00 €

➤ **Sample material**
lyophilized EDTA-plasma, 4 samples

➤ **Analytes**
Hepatitis E virus

➤ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.

Infl-RSV Influenza and RSV antigen evidence

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
Infl-RSV1/16	21.03.16	03.05.16	09.05.16	21.05.16
Infl-RSV2/16	22.08.16	26.10.16	31.10.16	12.11.16

€	Fee for each survey inclusive sample material, net prices plus VAT	80,00 €
	one analyte	80,00 €
	both analytes	130,00 €

➤ **Sample material**
NaCl-matrix, 4 samples 1 ml

➤ **Analytes**
Analyte 1: Influenza AG
Analyte 2: RSV AG

➤ **Information**
Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.

MRSA Screening

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MRSAcre1/16	14.03.16	27.04.16	02.05.16	14.05.16
MRSAcre2/16	22.08.16	26.10.16	31.10.16	12.11.16

€	Fee for each survey inclusive sample material, net prices plus VAT	80,00 €
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➤ **Sample material**
4 samples, smear tubes

➤ **Analytes**
MRSA Screening for cultural evidence and NAT-methods

➤ **Information**
Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.

MykbCult Cultivation and identification of mycobacteria

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MykbCult1/16	15.02.16	30.03.16	04.04.16	28.05.16
MykbCult2/16	22.08.16	21.09.16	26.09.16	19.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT **48,00 €**

➤ **Sample material**

5 sputum, each 1 ml

➤ **Analytes**

Cultivation and identification of mycobacteria

➤ **Information**

Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.

MykbRes Sensitivity testing of mycobacterium tuberculosis

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MykbRes1/16	15.02.16	30.03.16	04.04.16	07.05.16
MykbRes2/16	22.08.16	21.09.16	26.09.16	29.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT **38,00 €**

➤ **Sample material**

5 Bacterial suspensions, each 1 ml

➤ **Analytes**

Restistance testing of mycobacterium tuberculosis

➤ **Information**

Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.

MykCult Cultivation and identification of fungi

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MykCult1/16	14.03.16	27.04.16	02.05.16	21.05.16
MykCult2/16	22.08.16	26.10.16	31.10.16	19.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT **45,00 €**
 each additional set of samples **28,00 €**

➤ **Sample material**

lyophilized material, 4 samples

➤ **Analytes**

Cultivation and identification of fungi

➤ **Information**

Due to German postal regulations for infectious material these surveys can not be delivered to participants from outside Germany.

MykIdent Identification of fungi

Survey	Application deadline	Dispatch date of instruction	survey period from	to
MykIdent1/16	14.03.16	27.04.16	02.05.16	14.05.16
MykIdent2/16	22.08.16	26.10.16	31.10.16	12.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT

60,00 €

> **Sample material**

virtual microscopy of 4 preparations

> **Analytes**

Identification of fungi

MykobNAT Tubercle bacilli genome evidence

Survey	Application deadline	Sample dispatch date	survey period from	to
MykobNAT1/16	14.03.16	27.04.16	02.05.16	14.05.16
MykobNAT2/16	22.08.16	26.10.16	31.10.16	12.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT

50,00 €

each additional set of samples

28,00 €

> **Sample material**

lyophilized DNA, 4 samples

> **Analytes**

Tubercle bacilli genome evidence

> **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

NoroPCR Norovirus PCR

Survey	Application deadline	Sample dispatch date	survey period from	to
NOROpqr1/16	21.03.16	06.04.16	11.04.16	23.04.16
NOROpqr2/16	26.09.16	12.10.16	17.10.16	29.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

one set

140,00 €

> **Sample material**

sodium chloride solution, liquid, 4 samples

> **Analytes**

Norovirus PCR

> **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

ParasitB Parasites in blood

Survey	Application deadline	Dispatch date of instruction	survey period	
			from	to
ParasitB1/16	21.03.16	03.05.16	09.05.16	21.05.16
ParasitB2/16	22.08.16	26.10.16	31.10.16	12.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT 60,00 €

➤ **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
ParasitS1/16	21.03.16	03.05.16	09.05.16	21.05.16
ParasitS2/16	22.08.16	26.10.16	31.10.16	12.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT 60,00 €

➤ **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
PolyVir11/16	15.02.16	17.05.16	23.05.16	04.06.16
PolyVir12/16	11.07.16	11.10.16	17.10.16	29.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT 150,00 €
each additional set of samples 75,00 €

➤ **Sample material**
4 samples of liquid EDTA plasma, 4 ml

➤ **Analytes**

set 1: HAV-RNA qualitative	set 5: HIV2-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: HIV1-RNA qualitative and quantitative	set 8: pvB19-DNA qualitative

➤ **Information**
For deliveries abroad additional freight charges will be invoiced possibly.

PolyVir2 Genome evidence group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
PolyVir21/16	21.03.16	03.05.16	09.05.16	21.05.16
PolyVir22/16	22.08.16	26.10.16	31.10.16	12.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT

one analyte 150,00 €
each additional analyte 50,00 €

➤ **Sample material**

serum/plasma, 4 samples, 1 ml

➤ **Analytes**

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

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

ToxoGen Toxoplasma Gondii Genom

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
ToxoGen1/16	14.03.16	27.04.16	02.05.16	14.05.16
ToxoGen2/16	22.08.16	26.10.16	31.10.16	12.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT

each additional set of samples 120,00 €
40,00 €

➤ **Sample material**

lyophilized DNA, 4 samples

➤ **Analytes**

Toxoplasma Gondii Genom

➤ **Information**

For deliveries abroad additional freight charges will be invoiced possibly.

TubIdent Identification of tubercle bacilli

Survey	Application deadline	Dispatch date of instruction	survey period	
			from	to
TubIdent1/16	21.03.16	03.05.16	09.05.16	21.05.16
TubIdent2/16	22.08.16	26.10.16	31.10.16	12.11.16

€ Fee for each survey inclusive sample material, net prices plus VAT

60,00 €

➤ **Sample material**

virtual microscopy of 4 preparations

➤ **Analytes**

microscopic evidence of acid resistant bacteria

Ejaculate investigation

EJ Semen analysis

Survey	Application deadline	Sample dispatch date	survey period from	to
EJ1/15	07.03.16	11.04.16	12.04.16	11.05.16
EJ2/15	08.08.16	12.09.16	13.09.16	12.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

150,00 €

➤ **Sample material**

Washed and fixed sperm preparation and CD-ROM

➤ **Analyte**

Estimation of sperm concentration and the assessment of morphologically normal forms. Additionally the 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. This dispatch of the samples and the evaluation is done by QuaDeGa.

Molecular- and cytogenetic investigations

DI DNA isolation

Survey	Application deadline	Sample dispatch date	survey period from	to
DI1/16	01.02.16	09.03.16	14.03.16	02.04.16
DI2/16	25.07.16	31.08.16	05.09.16	24.09.16

€ Fee for each survey inclusive sample material, net prices plus VAT

55,00 €

each additional pair of samples

30,00 €

> Sample material

full blood, K-EDTA, 2 samples each 500 µl

> Analyte

DNA isolation and FV genotyping FV genotyping: FV-Leiden (ARG506GLN), FV-H1299R (HIS1299ARG), FV-Cambridge (ARG306THR), FV-Hong-Kong (ARG306GLY), FII g20210a, MTHFR C677T, HFE (H63D, C282Y, S65C)

> 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
MG11/16	01.02.16	16.03.16	21.03.16	09.04.16
MG12/16	08.08.16	21.09.16	26.09.16	15.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

material

fee

additional set

one set

50,00 €

28,00 €

For multiple orders of your chosen set collection you can also use the application form 6.

> Sample material

DNA preparation, lyophilized

> Analytes

Set A: FV-Leiden, Prothrombin, MTHFR (C677T, A1298C), PAI-I 4G5G

Set B: FXIII V34L, GPIIIa, βFib (g455a), VKORC1 (G-1639A/C1173T), FXII c46t, FV-H1299R

Set C: a1 PI, Apo E, ApoB100, ACE, CETP

Set D: AldoB (149,174,334), HFE (H63D, C282Y, S65C), LCT c-13910t, NOD2 (R702W, G908R, L1007fins C)

Set E: M. Wilson (ATP7B-C3207A), FSAP (Marburg-I), ITGA2 Gplalla C807T, Col1A1 SP1, VDR (BsmI/ApaI, TaqI)

Set F: Faktor VII (R353Q), AT3 Cambridge Typ I/II, CYP3A5*3

MG2 Molecular genetics group 2

Survey	Application deadline	Sample dispatch date	survey period	
			from	to
MG21/16	01.02.16	16.03.16	21.03.16	09.04.16
MG22/16	08.08.16	21.09.16	26.09.16	15.10.16

€ Fee for each survey inclusive sample material, net prices plus VAT

	material one set	fee 50,00 €	additional set 28,00 €
For multiple orders of your chosen set collection you can also use the application form 6.			

> Sample material

DNA preparation, lyophilized

> Analytes

Set A: TPMT, CYP2C8 (K399R), CYP2C9*2/*3, UGT1A1 (*28), DPD Ex 14 skipping, BCHE A/K, [DPD*13], [DPD D949V (rs67376798)]

Set B: K-Ras: Codon 12/13/61, BRAF V600E, [BRAF V600K], [cKit D816V]

Set C: HLA-B27, TNF alpha (238, 308)

Set D: CYP2D6, CYP2C19 (*2/*17), [CYP2C19*3]

Set E: HLA B*5701, CYP2B6*6, [ABCB1 (MDR1) c.3435C>T], [CCR-del-32bp]

Set F: IL28B (C/T Polymorphism), IL6 (G174C), CYP3A4*22

> Information

Please take into account the division into sets A, B, C, D, E, F when you order this survey (see application form). Please mark the sets needed on that form.

[] This analytes we will offer from MG2 2/16 on.

> Information

The following analytes are offered by our cooperation-partner European Molecular Genetics Quality Network (EMQN): (see attached flyer)

- 8 Hereditary hemochromatosis (genotyping and interpretation)
- 16 Cystic fibrosis, mucoviscidosis
- 17 Familial breast-/ovarial- cancer (BRCA)
- 18 21-hydroxylase deficiency (Congenital adrenal hyperplasia)
- 19 Duchenne and Becker muscular dystrophy
- 20 Fragile X Syndrome
- 21 Hereditary auditory disorder
- 22 Hereditary nonpolyposis colon cancer
- 23 Huntington s disease
- 24 Prader-Willi and Angelman syndromes
- 25 Spinal Muscular Atrophy
- 26 Wilson s disease
- 27 Y chromosome microdeletions
- 28 array analysis

SQ DNA Sequencing

Survey	Application deadline	Sample dispatch date	survey period from	to
SQ1/16	07.12.15	10.02.16	15.02.16	05.03.16
SQ2/16	27.06.16	31.08.16	05.09.16	24.09.16

€ **Fee for each survey inclusive sample material, net prices plus VAT**

116,00 €

each additional pair of samples

42,00 €

➤ **Sample material**

DNA-preparation, lyophilized

➤ **Analytes**

DNA sequencing and corresponding diagnostic interpretation

➤ **Information**

Results are to be transmitted exclusively by internet **www.rfb.bio**
Make sure that you have an online account!

**Responsible body of the Reference Institute for Bioanalytics is the
Foundation for Pathobiochemistry and Molecular Diagnostics of the DGKL**

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Conditions of participation

(as of January 1. 2016)

1. **Participation:**
Everyone who carries out laboratory tests can participate in surveys for the Reference Institute of Bioanalytics (subsequently referred to as: RfB). The following conditions for participation therefore apply.
(For consumers individual stipulations and legal provisions apply).
2. **Conclusion of the contractual relationship:**
The contractual relationship between the participant and the RfB is concluded by application and only under these participation conditions.
3. **Application**
Application must be made in writing or online (for registered users) and must be received in good time before the start of the survey. Confirmations of application will only be issued upon request.
4. **Content of the contractual relationship (yearly order, subscription):**

The participant may choose to apply for participation in individual surveys in one calendar year (Contract Type B), or in one or more surveys to be repeated each calendar year over an unspecified period (Contract Type A, subscription).

When application is for participation in surveys to be repeated each calendar year (Contract Type A), a contract for an unspecified period will be concluded by the application. Termination of this contract requires written notice.
5. **Timetable:**
The participant will receive a timetable before the start of each calendar year from the RfB. This timetable contains periods and dates which are binding for the participant in relation to the surveys.
6. **Withdrawal and cancellation**
The participant is free to withdraw from his/her participation in a survey until the respective application deadline given in the timetable. If the participant has applied to participate in several surveys, s/he may only withdraw from his/her participation in individual surveys. If there is a subscription to surveys (Contract Type A), the participant may cancel this completely or for individual surveys.
7. **Non-performance of announced surveys:**
The RfB retains the right not to carry out announced surveys, or to postpone them until a later date. The participants concerned will be informed of this with an appropriate period of notice. The RfB will only refrain from the announced performance for practical reasons, in particular, in the instance of new surveys when the number of registered participants is too low.
8. **Evaluation:**
The RfB evaluates the study results obtained by the participant in the context of a survey, provided that these are transmitted to the RfB within the period specified in the timetable. The participant bears the risk of loss or delay for the dispatch of the data. The participant has no entitlement to the evaluation of measurement values received late by the RfB.

Certificates will be issued for measurements assessed by us. The period of validity of the certificates is regulated by the guidelines of the German Medical Board, respectively corresponds to these guidelines and is valid from the date of issue.
9. **Guarantee**
 - 9.1 The participant undertakes to test the samples after receiving them for any obvious defects, and to inform the RfB immediately if any defects are determined.
The RfB is entitled to elect its own supplementary performance, which may be by repair or by subsequent delivery.

These conditions apply both to the dispatch of samples and to the evaluation of the study results.
 - 9.2 The RfB assumes no responsibility for injuries of any kind – in the existence of other conditions of entitlement – except in the event of intended and/or gross negligence. Furthermore, liability for compensation is excluded for injuries of any kind, no matter upon what basis a claim may be made, including liability for default on conclusion of the contract.

Impairments, which in individual cases result from postal dispatch, in particular the loss of sample shipments, will be remedied by the RfB to the best of its abilities, without the acknowledgement of any claims, by the dispatch of replacement samples. However, the contract is considered fulfilled with the initial dispatch mailing date.
10. **Fees:**
By concluding the contractual relationship with the RfB, the participant undertakes to pay the participation fees listed respectively by the RfB in the publication of its annual timetable.
11. **Confidentiality:**
Individual survey data will be handled confidentially. The provisions for data protection will be observed.
12. **Place of performance and court of jurisdiction:**
Place of performance and court of jurisdiction is Bonn.

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➤ Contract type

➤ Contract type A - subscription

You will receive all surveys which you marked on the order sheet.

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

You will receive all surveys which you marked on the order sheet.

If you choose contract type B you will get the ordered surveys and nothing else.

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).

The application sheets are attached in this brochure. Please mark the survey desired in the appropriate spaces and submit promptly.

Participants from Europe with the exception of Germany are requested to specify their VAT (value added tax) number.

➤ 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 time table for the next year you will receive an overview of the surveys you already have ordered. This overview should also be used for an order confirmation or changes in your orders.

➤ Fees and invoice

Net prices plus VAT. Costs for shipment with normal letter post are included. If the shipping conditions of the Deutsche Post should change for letters, a corresponding price adjustment is possible.

The fees for each survey are given on the following pages.

Please fill out the application forms and send them to the preprinted address.

The invoices will be sent to all German participants after the surveys half-yearly (June and December). Foreign participants will get an invoice after the survey and depending on the number of the ordered surveys half-yearly (June and December) or only yearly (December).

➤ Notes:

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

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



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participant no

Alteration of contact information

Delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

.....

.....

.....

Date Signature





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**Thrombophilia screening 2016
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

Institute:

Name:

Street:

City:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice address if different from delivery address

Your comment

Institute:

Name:

Street:

City:

Telephone:

Telefax:

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

.....
Date Signature

The participation fees are specified in the current annual survey plan.

Application form for Thrombophilia screening 2016

participant no

new client

We can not accept cancellations during the annual programme.

Annual subscription fee

1	<input type="checkbox"/> result submission via Internet / report internet	86,00 €
---	---	---------

2	<input type="checkbox"/> result submission via Internet / report internet + post	123,50 €
---	--	----------

Analytes four times yearly: TH1/16, TH2/16, TH3/16, TH4/16

1	<input type="checkbox"/> Thrombophilia module 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) APC resistance	435,00 €
---	--	----------

2	<input type="checkbox"/> Lupus Anticoagulant / Antiphospholipide Antibodies	132,50 €
---	---	----------

3	<input type="checkbox"/> Von Willebrand Factor Module (antigen, activity, collagen binding, multimers, Factor VIII)	121,00 €
---	--	----------

4	<input type="checkbox"/> ADAMTS-13 (activity and antigen)	153,75 €
---	---	----------

5	<input type="checkbox"/> ADAMTS-13 (inhibitor)	153,75 €
---	--	----------

6	<input type="checkbox"/> Factor XIII	121,00 €
---	--------------------------------------	----------

7	<input type="checkbox"/> Fibrinolysis parameters I (Plasminogen, Antiplasmin)	121,00 €
---	---	----------

8	<input type="checkbox"/> Fibrinolysis parameters II (t-PA, PAI-1)	121,00 €
---	---	----------

9	<input type="checkbox"/> Unfractionated heparin Monitoring (anti-Xa)	112,75 €
---	--	----------

A	<input type="checkbox"/> Low-Molecular Weight heparin Monitoring (anti-Xa)	112,75 €
---	--	----------

Analytes two times yearly:

B	<input type="checkbox"/> Factor VIII Inhibitor (TH2/16 + TH4/16)	136,00 €
---	--	----------

C	<input type="checkbox"/> Thrombin Generation Test (TH2/16 + TH4/16)	130,00 €
---	---	----------

D	<input type="checkbox"/> Factor IX Inhibitor (TH1/16 + TH3/16)	136,00 €
---	--	----------

Analytes one time yearly:

E	<input type="checkbox"/> HIT - Immunological assays (TH3/16)	79,50 €
---	--	---------

F	<input type="checkbox"/> HIT - Functional Testing (TH3/16)	95,00 €
---	--	---------



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Application form 1

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

Institute:

Name:

Street:

City:

Telephone:

Telefax:

E-Mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (participation conditions see page 47, contract type see page 52)

.....
Date Signature

Application form 1

participant no

new client

Quantitative determinations			
Automatic differential count p. 7			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
AD1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AD2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AD3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AD4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Therapeutic drug monitoring p. 7			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
AK1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
AK2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
AK3	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
AK4	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
Ammonia p. 8			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
AM1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AM2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AM3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
AM4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Blood gas p. 8			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BG1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BG2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BG3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BG4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Neonatal bilirubin p. 8			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BI1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BI2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BI3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
BI4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Cardiac markers p. 9			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
CM1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
CM2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
CM3	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
CM4	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
Immunosuppressives p. 9			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
CS1	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets
CS2	set 1 <input type="checkbox"/> set 2 <input type="checkbox"/>	<input type="checkbox"/>	additional sets

D-Dimer p. 9			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
DD1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DD2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DD3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DD4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
CD Transferrin p. 10			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
DT1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
DT2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Ethylglucuronide p. 10			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
EG1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
EG2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Ethanol p. 10			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
ET1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
ET2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
ET3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
ET4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Glycated hemoglobin p. 11			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
GH1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GH2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GH3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GH4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Glucose („wet“, „POCT/dry chem.“) p. 11			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
GL1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GL2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GL3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GL4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Coagulation p. 11			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
GR1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GR2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GR3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
GR4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Hematology - Full blood count p. 12			
		subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
HA1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HA2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HA3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HA4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples



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Application form 2

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

Institute:

Name:

Street:

City:

Telephone:

Telefax:

E-Mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (participation conditions see page 47, contract type see page 52)

.....
Date Signature

Application form 2

Hormones - Group 1			p. 12
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
HM1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HM2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HM3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HM4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Hormones - Group 2			p. 13
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
HP1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HP2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HP3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
HP4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Serum proteins			p. 13
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
IG1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
IG2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
IG3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
IG4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Immunophenotyping			p. 14
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
IS1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
IS2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Clinical chemical analytes in CSF			p. 14
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
KL1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KL2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KL3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KL4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Clinical chemical analytes in serum			p. 14
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
KS1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KS2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KS3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KS4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KS5	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KS6	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KS7	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KS8	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Clinical chemical analytes in urine			p. 15
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
KU1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KU2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KU3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
KU4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Lipoproteins			p. 16
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
LP1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
LP2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
LP3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
LP4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples

participant no

new client

Hemoglobin derivatives			p. 16
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
OH1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
OH2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
OH3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
OH4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Bone metabolism			p. 16
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
OS1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
OS1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Photometer control			p. 17
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
PH1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
PH2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Reticulocytes			p. 17
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
RE1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
RE2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
RE3	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
RE4	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Rheumatoid factors			p. 18
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
RF1	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	additional sets
RF2	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	additional sets
RF3	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	additional sets
RF4	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	additional sets
Thyroid antibodies			p. 18
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
SA1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
SA2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
Pregnancy diagnostic			p. 18
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
SD1	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	additional sets
SD2	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	additional sets
SD3	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	additional sets
SD4	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	additional sets
Trace elements in urine			p. 19
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
SP1	<input type="checkbox"/>	<input type="checkbox"/>	additional samples
SP2	<input type="checkbox"/>	<input type="checkbox"/>	additional samples



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Application form 3

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

Institute:

Name:

Street:

City:

Telephone:

Telefax:

E-Mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (participation conditions see page 47, contract type see page 52

.....
Date Signature

Application form 3

Saliva diagnostic		p. 19
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
SV1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
SV2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Thrombophilia screening		p. 20
extra order on page 55		
Tumor markers		p. 21
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
TM1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TM2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TM3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TM4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Clinical chemical analytes in serum „dry chemistry“		p. 21
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
TR1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TR2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TR3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TR4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TS Neonatal screening		p. 22
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
TS1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TS2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TS3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
TS4	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Urine cell count		p. 22
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
UZ1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
UZ2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Vitamins and analgesics		p. 23
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
VT1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
VT2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Cell count in CSF		p. 23
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
ZL1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZL2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Cytokines		p. 23
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>		
ZY1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZY2	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZY3	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ZY4	<input type="checkbox"/>	<input type="checkbox"/> additional samples

participant no

new client

Qualitative determinations			
Antinuclear antibodies			
p. 24			
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>			
AI1	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
AI2	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
Allergology			
p. 24			
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>			
AL1	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
AL2	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
AL3	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
AL4	set 1 <input type="checkbox"/>	set 2 <input type="checkbox"/>	<input type="checkbox"/> additional sets
Anti-Borrelia burgdorferi			
p. 25			
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>			
BorrBimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional sets
BorrBimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional sets
CMVimm CMV Serology			
p. 25			
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>			
CMVimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional sets
CMVimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional sets
Hematology - Differential blood count			
p. 25			
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>			
DF1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DF2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DF3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DF4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional samples
Drug screening in urine			
p. 26			
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>			
DS1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DS2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DS3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DS4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional samples
HAVimm HAV Serology			
p. 26			
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>			
HAVimm 1	1 set <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional sets
HAVimm 2	1 set <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional sets
HBVimm1 Serology Minor			
p. 26			
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>			
HBVimm1 1	1 set <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional sets
HBVimm1 2	1 set <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional sets
HBVimm2 HBV Serology Major			
p. 27			
subscription <input type="checkbox"/> yearly order <input type="checkbox"/>			
HBVimm2 1	1 set <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional sets
HBVimm2 2	1 set <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> additional sets



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Application form 4

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

Institute:

Name:

Street:

City:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

Your comment

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (participation conditions see page 47, contract type see page 52)

.....
Date Signature

Application form 4

HCVimm HCV Serology		p. 27	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
HCVimm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
HCVimm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
HIVimm HIV Serology		p. 27	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
HIVimm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
HIVimm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
Urinary calculus		p. 28	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
HS1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
HS2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
HTLVimm HumanT-lymphotropic virus		p. 28	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
HTLVimm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
HTLVimm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
Immunochemistry automated		p. 28	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
IA1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
IA2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
IA3		<input type="checkbox"/>	<input type="checkbox"/> additional samples
IA4		<input type="checkbox"/>	<input type="checkbox"/> additional samples
Immunochemistry Major		p. 29	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
IH1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
IH2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
IH3		<input type="checkbox"/>	<input type="checkbox"/> additional samples
IH4		<input type="checkbox"/>	<input type="checkbox"/> additional samples
Immunochemistry Minor		p. 29	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
IM1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
IM2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
IM3		<input type="checkbox"/>	<input type="checkbox"/> additional samples
IM4		<input type="checkbox"/>	<input type="checkbox"/> additional samples
Clin. chem. analytes in urine, qualitative		p. 29	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
KUST1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
KUST2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
KUST3		<input type="checkbox"/>	<input type="checkbox"/> additional samples
KUST4		<input type="checkbox"/>	<input type="checkbox"/> additional samples
Oligoclonal bands in CSF		p. 30	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
OB1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
OB2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
pVB19imm Parvovirus B19 Serology		p. 30	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
pVB19imm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
pVB19imm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets

participant no

new client

Anti-Rubella-Virus		p. 30	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
RoetLimm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
RoetLimm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
Systematic toxicologic analysis		p. 31	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
SX1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
SX2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
Anti-Toxoplasma gondii		p. 31	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
ToxoGimm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
ToxoGimm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
Anti-Treponema pallidum		p. 31	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
TrepPimm 1	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
TrepPimm 2	1 set	<input type="checkbox"/>	<input type="checkbox"/> additional sets
Toxicologic analyses		p. 32	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
TX1		<input type="checkbox"/>	<input type="checkbox"/> additional samples
TX2		<input type="checkbox"/>	<input type="checkbox"/> additional samples
Urine sediment		p. 32	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
US1		<input type="checkbox"/>	
US2		<input type="checkbox"/>	
VariAimm various immunological analytes		p. 33	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
VariAimm 1	set 1	<input type="checkbox"/>	
	set 2	<input type="checkbox"/>	
	set 3	<input type="checkbox"/>	Please place here <input type="text"/>
	set 4	<input type="checkbox"/>	the additional order
	set 5	<input type="checkbox"/>	of your set collection
	set 6	<input type="checkbox"/>	
VariAimm 2	set 1	<input type="checkbox"/>	
	set 2	<input type="checkbox"/>	Please place
	set 3	<input type="checkbox"/>	here <input type="text"/>
	set 4	<input type="checkbox"/>	the additional order
	set 5	<input type="checkbox"/>	of your set collection
	set 6	<input type="checkbox"/>	
Cerebrospinal fluid cytology		p. 33	
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>	
ZZ1		<input type="checkbox"/>	
ZZ2		<input type="checkbox"/>	



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Application form 5

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

Institute:

Name:

Street:

City:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (participation conditions see page 47, contract type see page 52)

.....
Date Signature

Application form 5

Direct detection of pathogens	
Bakteriology Major	p. 34
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BA1	<input type="checkbox"/>
BA2	<input type="checkbox"/>
BakNAT1 - Genome evidence	p. 34
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BakNAT1 1	analyte 1 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 6 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 7 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 8 <input type="checkbox"/>
BakNAT1 - Genome evidence	p. 34
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BakNAT1 2	analyte 1 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 6 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 7 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 8 <input type="checkbox"/>
BakNAT2 - Genome evidence	p. 34
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BakNAT2 1	analyte 1 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 6 <input type="checkbox"/>
BakNAT2 - Genome evidence	p. 34
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BakNAT2 2	analyte 1 <input type="checkbox"/> analyte 4 <input type="checkbox"/> analyte 2 <input type="checkbox"/> analyte 5 <input type="checkbox"/> analyte 3 <input type="checkbox"/> analyte 6 <input type="checkbox"/>
BAK TK	p. 35
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BAK TK 1	<input type="checkbox"/> Set 1 <input type="checkbox"/> Set 2 <input type="checkbox"/> Set 3 <input type="checkbox"/>
BAK TK 2	<input type="checkbox"/> Set 1 <input type="checkbox"/> Set 2 <input type="checkbox"/> Set 3 <input type="checkbox"/>
Bakteriology Minor	p. 35
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
BM 1	<input type="checkbox"/>
BM 2	<input type="checkbox"/>
ChlamTra Chlamydia trachomatis AG	p. 36
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
ChlamTra 1	<input type="checkbox"/> additional samples
ChlamTra 2	<input type="checkbox"/> additional samples
CrypCand Cryptococcus neoformans and Candida albicans antigen	p. 36
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
CrypCand 1	<input type="checkbox"/> additional samples
CrypCand 2	<input type="checkbox"/> additional samples
Gram-staining	p. 36
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
GP1	<input type="checkbox"/> additional samples
GP2	<input type="checkbox"/> additional samples

participant no

new client

HEV PCR Hepatitis E virus	p. 37
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
HEV 1	1 set <input type="checkbox"/> additional sets <input type="checkbox"/>
HEV 2	1 set <input type="checkbox"/> additional sets <input type="checkbox"/>
Infl-RSV - antigen evidence	p.37
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
Infl-RSV 1	analyte 1 <input type="checkbox"/> analyte 2 <input type="checkbox"/>
Infl-RSV - antigen evidence	p. 37
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
Infl-RSV 2	analyte 1 <input type="checkbox"/> analyte 2 <input type="checkbox"/>
MRSA Screening	p. 37
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
MRSAscre 1	<input type="checkbox"/> additional samples <input type="checkbox"/>
MRSAscre 2	<input type="checkbox"/> additional samples <input type="checkbox"/>
MykbCult - Cultivation and identification of mycobacteria	p.38
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
MykbCult 1	<input type="checkbox"/> additional samples <input type="checkbox"/>
MykbCult 2	<input type="checkbox"/> additional samples <input type="checkbox"/>
MykbRes - Sensitivity testing of mycobacterium tuberculosis	p. 38
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
MykbRes 1	<input type="checkbox"/> additional samples <input type="checkbox"/>
MykbRes 2	<input type="checkbox"/> additional samples <input type="checkbox"/>
MykCult - Cultivation and identification of fungi	p. 38
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
MykCult 1	<input type="checkbox"/> additional samples <input type="checkbox"/>
MykCult 2	<input type="checkbox"/> additional samples <input type="checkbox"/>
MykIdent Identification of fungi	p. 39
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
MykIdent 1	<input type="checkbox"/>
MykIdent 2	<input type="checkbox"/>
MykobNAT Tubercle bacilli genome evidence	p. 39
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
MykobNAT 1	<input type="checkbox"/> additional samples <input type="checkbox"/>
MykobNAT 2	<input type="checkbox"/> additional samples <input type="checkbox"/>
Norovirus PCR	p. 39
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
Noro PCR 1	1 set <input type="checkbox"/> additional sets <input type="checkbox"/>
Noro PCR 2	1 set <input type="checkbox"/> additional sets <input type="checkbox"/>
ParasitB Parasites in blood	p. 40
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
ParasitB 1	<input type="checkbox"/>
ParasitB 2	<input type="checkbox"/>
ParasitS Parasites in stool	p. 40
subscription <input type="checkbox"/>	yearly order <input type="checkbox"/>
ParasitS 1	<input type="checkbox"/>
ParasitS 2	<input type="checkbox"/>



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Application form 6

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

Institute:

Name:

Street:

City:

Telephone:

Telefax:

E-mail:

Order confirmation no:

VAT:

Contact person:

Registration as online user (requires e-mail address)

Invoice Address if different from delivery address

Institute:

Name:

Street:

City:

Telephone:

Telefax:

In accordance with the participation conditions I hereby declare my participation in the ordered surveys. (participation conditions see page 47, contract type see page 52)

.....
Date Signature

Application form 6

PolyVir1		p. 40
Genome evidence group 1		
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>
PolyVir1 1	set 1 <input type="checkbox"/>	Please place here <input type="text"/> the additional order of your set collection
	set 2 <input type="checkbox"/>	
	set 3 <input type="checkbox"/>	
	set 4 <input type="checkbox"/>	
	set 5 <input type="checkbox"/>	
	set 6 <input type="checkbox"/>	
	set 7 <input type="checkbox"/>	
	set 8 <input type="checkbox"/>	

PolyVir1 2	set 1 <input type="checkbox"/>	Please place here <input type="text"/> the additional order of your set collection
	set 2 <input type="checkbox"/>	
	set 3 <input type="checkbox"/>	
	set 4 <input type="checkbox"/>	
	set 5 <input type="checkbox"/>	
	set 6 <input type="checkbox"/>	
	set 7 <input type="checkbox"/>	
	set 8 <input type="checkbox"/>	

PolyVir2		p. 41
Genome evidence group 2		
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>
PolyVir2 1	analyte 1 <input type="checkbox"/>	analyte 5 <input type="checkbox"/>
	analyte 2 <input type="checkbox"/>	analyte 6 <input type="checkbox"/>
	analyte 3 <input type="checkbox"/>	analyte 7 <input type="checkbox"/>
	analyte 4 <input type="checkbox"/>	analyte 8 <input type="checkbox"/>

PolyVir2 2	analyte 1 <input type="checkbox"/>	analyte 5 <input type="checkbox"/>
	analyte 2 <input type="checkbox"/>	analyte 6 <input type="checkbox"/>
	analyte 3 <input type="checkbox"/>	analyte 7 <input type="checkbox"/>
	analyte 4 <input type="checkbox"/>	analyte 8 <input type="checkbox"/>

ToxoGen		p. 41
Toxoplasma gondii genome		
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>
ToxoGen 1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
ToxoGen 2	<input type="checkbox"/>	<input type="checkbox"/> additional samples

TubIdent		p. 41
Identification of tubercle bacilli		
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>
TubIdent 1	<input type="checkbox"/>	
TubIdent 2	<input type="checkbox"/>	

participant no

new client

Ejakulate investigation		p. 42
EJ Semen		
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>
EJ1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
EJ2	<input type="checkbox"/>	<input type="checkbox"/> additional samples

Molecular- and cytogenetic investigation		p. 43
DNA isolation		
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>
DI1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
DI2	<input type="checkbox"/>	<input type="checkbox"/> additional samples

Molecular genetics group 1		p.43
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>
MG1 1	set A <input type="checkbox"/>	Please place here <input type="text"/> the additional order of your set collection
	set B <input type="checkbox"/>	
	set C <input type="checkbox"/>	
	set D <input type="checkbox"/>	
	set E <input type="checkbox"/>	
	set F <input type="checkbox"/>	

MG1 2	set A <input type="checkbox"/>	Please place here <input type="text"/> the additional order of your set collection
	set B <input type="checkbox"/>	
	set C <input type="checkbox"/>	
	set D <input type="checkbox"/>	
	set E <input type="checkbox"/>	
	set F <input type="checkbox"/>	

Molecular genetics group 2		p. 44
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>
MG2 1	set A <input type="checkbox"/>	Please place here <input type="text"/> the additional order of your set collection
	set B <input type="checkbox"/>	
	set C <input type="checkbox"/>	
	set D <input type="checkbox"/>	
	set E <input type="checkbox"/>	
	set F <input type="checkbox"/>	

MG2 2	set A <input type="checkbox"/>	Please place here <input type="text"/> the additional order of your set collection
	set B <input type="checkbox"/>	
	set C <input type="checkbox"/>	
	set D <input type="checkbox"/>	
	set E <input type="checkbox"/>	
	set F <input type="checkbox"/>	

DNA sequencing		p. 45
subscription <input type="checkbox"/>		yearly order <input type="checkbox"/>
SQ1	<input type="checkbox"/>	<input type="checkbox"/> additional samples
SQ2	<input type="checkbox"/>	<input type="checkbox"/> additional samples



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