

# Submission form

## Farm Animal

Client number / Barcode

# LABOKLIN

LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG  
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Business hours: Mo - Fr: 8:00 - 19:00, Sa: 9:00 - 13:00

Clinic address:  
(Practice stamp or capital letters)

Sample:  
 Whole blood  
 Serum  
 Plasma  
 Urine / uroliths  
 Faeces  
 Scraping / hair  
 Swab  
 Aspirate  
Origin:

Owner's address:

Name:

First name:

Street:

Postal code/city:

Fax/E-mail:

Tel.:

VAT-No :

Fax/E-mail:

Date and signature:

Courier

Cattle  Pig  Sheep  Other

Name:

Sex:  F  M  F.N.  M.N.

Breed:

Chip-/tattoo No.:

Sample quality:  Haemolytic  Icteric

Lipaemic

Centrifuged

Date of birth:

Date of sampling:

Previous Lab-No.:

### Profiles - Farm Animal

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**7700 Bovine Large Screening** HP,S+NaFl/1ml  
**+ Compl. Blood Count (45)** EB/1ml  
(AP, y-GT, bili, cholesterin, glucose, AST, LDH, GLDH, CK, protein, albumin, globuline, urea, crea, Ca, Mg, K, Na, Fe, PO4, Cu, Zn, Sel, triglyceride)

**7300 Ruminant Performance Profile** HP,S/1ml  
**+ Compl. Blood Count (45)** EB/1ml  
(protein, urea, chol, GLDH, NEFA, AST, y-GT, bili, Ca, PO4, Mg, β-HBS, β-carotene, glutathione peroxidase)

**7550 Downer Cow Syndrome** S/1ml  
(Ca, PO4, Mg, AST, CK, urea, protein)

**7810 Ketosis Profile** S/1ml  
(GLDH, y-GT, bili, protein, β-HBS, NEFA, chol, urea)

**7660 Bovine Fertility Profile** S/1ml  
(AST, β-HBS, Ca, Na, PO4, Mg, β-carotene)

**7620 Supply Profile - Calf** NaFl+S/1ml  
(glucose, protein, Ca, Na, PO4, Mg, Fe, IgG)

**7621 Vit E/Se** EB/1ml !

**7630 Runt Profile - Calf** S/1ml  
(protein, Ca, PO4, Zn, Fe)

**+ Parasitology (174)** FA  
**Ruminant Mineral Profile** S/1ml  
(Ca, Na, PO4, Mg, Se, Zn, Cu)

**4010 Mineral Profile II** S/1ml  
(Mn, Zn, Se, Cu, Na, K, Ca, Mg, PO4, Cl, Fe)

**7650 Large Porcine Profile** S/1ml  
**+ Compl. Blood Count (45)** EB/1ml  
(y-GT, GLDH, bili, ALT, AST, protein, CK, urea, crea, Ca, PO4, Na, Mg, K, Se, Zn, Cu)

**7651 Small Porcine Profile** S/0,5ml  
**+ Compl. Blood Count (45)** EB/1ml  
(y-GT, GLDH, bili, urea, crea)

**7710 Lama/Alpaka Profile** S/1ml  
**+ Compl. Blood Count (45)** EB/1ml  
(y-GT, GLDH, bili, chol, AST, LDH, CK, protein, albumin, glob, urea, crea, Ca, PO4, Na, Mg, K, Cu, Zn, Se)

**4001 Muscle Screening** S/1ml  
(CK, a-HBDH, AST, LDH, Na, K, Ca, PO4, Mg, Fe)

### Liver

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**1001 Initial Screening** S/0,5ml  
dog/cat: ALT, GLDH, AP; horse/cattle: AST, GLDH, y-GT

**2000 Kidney / Urine Initial Screening** S/0,5ml  
(urea, creatinine)

**2002 Kidney Screening** S/1ml  
(urea, crea, protein, Alb, Na, K, Ca, PO4)

**161 Urine Culture** H/5ml  
Antibiogram (if applicable)

**2001 Urine Status incl. Sediment** H/5ml

### Heamatology

**35 Complete Blood Count** EB,(BS)/1ml

**215 Morphology (Cytology)** BS

**1019 Leukogram** EB,(BS)/1ml

**129 Reticulocytes** EB/1ml

### Pregnancy Diagnostics

**123 Progesterone** S/0,5ml  
(18th/19th day after conception)

**2506 PAG** S/1ml  
(from day 28 after conception)

### Endocrinology

**137 T4** S/0,5ml

**136 Testosterone** S/0,5ml

**2212 Anti-Mullerian Hormone (AMH)** S/0,5ml!

### Immunology

**748 IgG (calf)** S/0,5ml

**751 IgG (cattle)** S/0,5ml

**1003 Serum-Protein Electrophoresis** S/1ml

### Others

**208 Haptoglobin** S/0,5ml

**1041 SAA** S/0,5ml

**2700 Thromboelastography** CB/2ml

**1825 Net Acid-base Excretion (NABE)** H/15ml

### Single Parameters Enzymes

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**63 Albumin** EP,HP,S/0,5ml

**4 ALT (GPT)** EP,HP,S/0,5ml

**5 AP** S/0,5ml

**6 AST (GOT)** EP,HP,S/0,5ml

**16 Bilirubin Total** EP,HP,S/0,5ml

**26 Calcium** S/0,5ml

**27 Chloride** S/0,5ml

**17 Cholesterol** EP,HP,S/0,5ml

**30 Copper** HP,S/0,5ml

**8 CK** EP,HP,S/0,5ml

**23 Creatinine** EP,HP,S/0,5ml

**10 GLDH** EP,HP,S/0,5ml

**20 Glucose** NaFl/1ml

**2236 Glutathione** EB, HB,0,5ml

**28 Iron** S/0,5ml

**11 LDH** EP,HP,S/0,5ml

**4008 Manganese** S/0,5ml

**31 Magnesium** S/0,5ml

**56 NEFA** S/0,5ml

**33 Phosphate, Anorganic** S/0,5ml

**29 Potassium (K)** S/0,5ml

**19 Protein** EP,HP,S/0,5ml

**4004 Selenium** S/0,5ml

**32 Sodium (Na)** S/0,5ml

**107 β-HBS** S/0,5ml

**25 Triglycerides** EP,HP,S/0,5ml

**21 Urea** EP,HP,S/0,5ml

**9 y-GT** EP,HP,S/0,5ml

**34 Zinc** S/0,5ml

### Vitamins

**4005 Small Vitamin Profile** S,EP,HP/3ml!  
(vitamin A, vitamin D (25-OH), vitamin E, vitamin B12, folic acid)

**4007 Large Vitamin Profile** S,EP,HP+EB/3ml  
(vitamin A, vitamin B1, vitamin B2, vitamin B6, vitamin B12, vitamin D (25-OH), vitamin E, folic acid)

**2267 Vitamin A\*** S/1ml !

**2269 Vitamin D3 (25 OH)** S/0,5ml !

(species on request)

**3004 Vitamin B12** S/0,5ml

**4009 Vitamin E\*** S/0,5ml !

**214 β-Carotene** S/0,5ml

Comments / Case History:

Free consultations included in our prices



Sample material: A=swab (for PCR dry swab without medium), AM=abort mat., AS=ascites, BS=blood smear, CB=citrate blood, CP=citrate plasma, EB=EDTA blood, EP=EDTA plasma, FA=faeces, Gw=tissue, H=urine, HA=hair, HB=heparin blood, HP=heparin plasma, HT=skin, K=scurf, KM=bone marrow, L=liver, Ln=lymph node, LG=CSF, M=spleen, MI=milk, MH=morning urine, N=kidney, NaFl=sodium fluoride blood, NSP=Nasal flush, S=serum, SP=sperm, SV=synovia, TaM=tank milk, TM=swab with medium, TSP=tracheal lavage, V=vomit, Z=tick  
\*=partner lab, !=cooled or frozen + separated, #=not an official control test

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## Infectious Diseases Serology

1572	<b>A. phagocytoph.</b>	EP,HP,S/0,5ml
8216	<b>APP, Total</b>	HP,S/0,5ml
567	<b>Aspergillus</b>	EP,S/0,5ml
571	<b>Babesia -Ag</b>	BS,EB/0,5ml
2513	<b>BHV-1</b>	Mi,S/1ml
2512	<b>gE</b>	S/1ml
2511	<b>gB</b>	S/1ml
176	<b>Borrelia</b>	EP,HP,S/0,5ml
5010	<b>Borna*</b>	S/0,5ml
1660	<b>Brucella canis (SAT)</b>	S,HP/0,5ml
2514	<b>BVD</b>	Mi,S/1ml
2350	<b>CAE</b>	S/0,5ml
565	<b>Chlamydia</b>	EP,HP,S/0,2ml
2353	<b>Coxiella burnetii</b>	S/0,5ml
2134	<b>Fasciola</b>	S,Mi/0,5ml
157	<b>Leptospira</b>	EP,HP,S/0,5ml
564	<b>Listeria</b>	EP,HP,S/1ml
2350	<b>Maedi-Visna</b>	S/0,5ml
2360	<b>Mycoplasma hyopneumoniae</b>	S/1ml
1569	<b>Neospora (ELISA)</b>	EP,HP,S/0,5ml
2634	<b>Ostertagia</b>	S,Mi
2633	<b>Paratuberculosis</b>	Mi,S/1ml
577	<b>Parvovirus (SMEDI)</b>	S/1ml
579	<b>PRRSV</b>	S/1ml
350	<b>Salmonella Dublin</b>	HP,S,Mi
132	<b>Toxoplasma</b>	EP,HP,S/0,5ml
1207	<b>Yersinia</b>	S/0,5ml

## Serology Profiles

1240	<b>Bovine Respiratory Profile</b>	S/1ml	(BRSV, BPI-3, Mycoplasma bovis)
1250	<b>Bovine Abortion Profile</b>	S/3ml	(Neospora caninum, Coxiella burnetii, Leptospira, Chlamydia spp., BVDV#)
1251	<b>Small Ruminant Abortion Profile</b>	S/3ml	(Coxiella burnetii, Chlamydia spp., Leptospira, Listeria spp.)
1241	<b>Porcine Respiratory Profile</b>	S/3ml	(APP, Mycoplasma hyopneumoniae, PRRSV)
1260	<b>Porcine Reprod. Profile</b>	S/2ml	(Leptospira, PRRSV, Chlamydia spp.)
1252	<b>Camelid Abortion Profile</b>	S/2ml	(Leptospira, Chlamydia spp., Toxoplasma gondii)

## PCR Assays

8182	<b>Anapl. phagocytophilum</b>	EB,Z
8056	<b>APP</b>	A,NSP
8019	<b>Babesia</b>	EB,Z
8134	<b>BHV-1</b>	A
8162	<b>Bordetella bronchiseptica</b>	A
8343	<b>Bornavirus</b>	LQ,EB
8010	<b>Borrelia</b>	HT,LQ,SV,Z
8412	<b>BPIV-3</b>	A,NSP
8058	<b>Brachyspira</b>	FA
8413	<b>BRSV</b>	A,NSP
8423	<b>BVD/MD Virus</b>	EB,Mi,FA,AM
8004	<b>Chlamydia</b>	A,TSP,Mi,H,FA,A
8424	<b>Coxiella burnetii</b>	A,Mi,H,FA,AM
8416	<b>Cryptosporidia</b>	FA
8223	<b>Influenza A Virus</b>	A,NSP
8059	<b>Lawsonia intracellularis</b>	FA
8031	<b>Leptospira</b>	H+EB,Mi,Sp,AM
8425	<b>Mycobact. paratuberculosis</b>	FA
8436	<b>Mycoplasma bovis</b>	A,NSP,Mi,SV
8176	<b>Mycoplasma haemolamae</b>	EB
8057	<b>Myc. hyopneumoniae</b>	A,NSP
8106	<b>Mycoplasma suis</b>	EB
8029	<b>Neospora caninum</b>	AM
8426	<b>Past. multocida (toxin prod.)</b>	A,NSP
8002	<b>PCV-2</b>	A,EB,AM
8025	<b>Porcine Coronavirus (TGE)</b>	FA
8024	<b>Porcine Parvovirus</b>	A,EB,AM
8036	<b>PRRSV</b>	A,NSP,EB,Sp,AM
8103	<b>Toxoplasma gondii</b>	AM
8999	<b>Tritrichomonas foetus</b>	A,PSP

## Bacteriology

### 1. Swabs/Aspirate/Milk

156	<b>Bacteriology, Mycology</b>	TM,GW
150	<b>Bacteriology</b>	TM
2151	<b>Mycology</b>	
160	<b>Milk Examination</b>	4/4
165	<b>Detection of Anaerobes</b>	

### Location

sampled: \_\_\_\_\_

### 2. Skin / Hairs

1156	<b>Bacteriology, Mycology</b>	HA,HT
150	<b>Bacteriology</b>	TM,HA,HT
151	<b>Mycology</b>	TM,HA,HT
	(dermatophytes and yeasts)	
2109	<b>Trichogram</b>	
174	<b>Ectoparasites</b>	HT

### 3. Special Requests

727	<b>Antibiogram Anaerobes</b>	
1725	<b>Extended Antibiogram</b>	
1900	<b>Antimycotic Sensitivity</b>	
1070	<b>Aromatogram</b>	
2217	<b>MRSA Differentiation</b>	(in addition to bacteriological exam)
2210	<b>MRSP Differentiation</b>	(in addition to bacteriological exam)
2218	<b>ESBL Differentiation</b>	(in addition to bacteriological exam)
110	<b>Blood Culture</b>	(aerobe and anaerobe)
2202	I do not require an antibiogram	
2207	I definitely do not require MRSA, MRSP or ESBL differentiation	

### Infectious Disease Profiles

8427	<b>Bovine Respiratory Profile</b>	NSP,A+TM	(bacteriology, BRSV (PCR), BPIV-3 (PCR), Mycoplasma bovis (PCR))
8432	<b>Bovine Abortion Profile</b>	AM,A+TM	<b>77.99</b> (bacteriology, Neospora caninum (PCR), Coxiella burnetii (PCR), chlamydia (PCR), BVV (PCR))
8448	<b>Mastitis PCR Profile</b>	Mi	(PCR assays for 16 mastitis pathogens (incl. mycoplasma, yeast, Prototheca spp. and β-lactamase gene (no antibiogram)))
8430	<b>Small Ruminant Abortion Profile</b>	AM,A+TM	(bacteriology, chlamydia (PCR), Coxiella burnetii (PCR))
8440	<b>Porcine Respiratory Profile</b>	NSP,A+TM	(bacteriology, M. hyopneumoniae (PCR), APP (PCR), PRRSV (PCR), influenza A V (PCR), Past. multocida (toxin producing) (PCR))
8441	<b>Porcine Reproduction PCR Profile</b>	AM,A	(PPV, PRRSV, PCV-2, leptospira, chlamydia)
8431	<b>Camelid Abortion PCR Profile</b>	AM,A	(leptospira, Toxoplasma gondii, chlamydia)

## Maldigestion and Diarrhoea Microbiology

150	<b>Faecal Bacteriology</b>	
8510	<b>E.coli eae-Gene (Interim) PCR</b>	(in addition to a bacteriological exam)
1171	<b>Calf Faecal Profile - Large</b>	(bacteriology incl. salmonella, mycology, parasites, rota-, coronavirus)
1062	<b>Calf Faecal Profile (EIA)</b>	(rota-, coronavirus, K99, cryptosporidia)
1168	<b>Bovine Faecal Profile</b>	(bacteriology incl. salmonella, mycology, M. avium ssp. paratuberculosis (PCR), parasites)
1169	<b>Piglet Faecal Profile</b>	(bacteriology, Cl. perfringens toxin, endoparasites, rota-, coronavirus)
1173	<b>Porcine Faecal Profile</b>	(bacteriology incl. salmonella, mycology, Lawsonia intracellularis (PCR))
1172	<b>Camelid Faecal Profile</b>	(bacteriology incl. salmonella, mycology, Cl. perfringens toxin, parasites, rota-, coronavirus)

### Single Determinations

188	<b>Clostridium difficile</b>	
188	<b>Clostridium perfringens enterotoxin</b>	
1508	<b>Yersinia und Campylobacter</b>	
2177	<b>Mycobacteria</b>	(microscopic for rods)
175	<b>Salmonella and Shigella</b>	
	<b>Endoparasites</b>	
149	<b>Endoparasites</b>	(flotation and MIFC for detection of worm eggs and protozoa)
585	<b>Baermann Test</b>	(in addition to the normal endoparasite examination) (lungworm larvae)
2632	<b>Modified McMaster</b>	
187	<b>Cryptosporidia-Ag (ELISA)</b>	
	<b>Virology</b>	
172	<b>Rotavirus (EIA)</b>	

### Genetics

8049	<b>Free Martins* (cattle)</b>	EB
8037	<b>BLAD (cattle)</b>	EB
8362	<b>Malignant Hyperthermia (swine)</b>	EB
8107	<b>DNA Profile (cattle)</b>	EB

If necessary (in addition to bacteriological testing):

**Antibiogram**  
**MRSA-, MRSP-Differentiation**  
**ESBL-Differentiation**  
**Serological Differentiation**

### Supply order:

1	Serum tubes	6	Swabs with transp.medium	14	Histology containers with formalin
2	Citrate tubes	6a	Swabs without transp.med.	5	Faecal containers
3	EDTA tubes	6b	Container for swabs	7	Urine containers
3a	Heparin tubes	11	Container for tubes	8a	Eppendorf tubes
4	NaFl tubes	80	Barcodes		
10	Envelopes large				

### Submission forms:

100	Allergy	160	Hygiene
110	General	150	Farm Animal
170	Genetics Dog	130	Pathology
190	Genetics Cat	140	Equine
180	Genetics Equine	140	Reptiles
210	Birds and Small Mammals		

### General Business Conditions:

All statements according to our conditions / All terms and prices are subject to changes