

# Submission form

## Equine

client number / barcode

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# LABOKLIN

LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG

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Business hours: Mo - Fr: 8:00 - 19:00 h, Sa: 9:00 - 13:00 h

Submitting veterinary surgery:  
(practice stamp)

**sample:**  
 whole blood  
 serum  
 plasma  
 urine / uroliths  
 faeces  
 skin / hair  
 swab  
 aspirate  
origin:

Owner's address:  
(in capital letters only, please)

Name: \_\_\_\_\_

Street: \_\_\_\_\_

Zip code/city: \_\_\_\_\_

Fax/e-mail: \_\_\_\_\_

Tel.: \_\_\_\_\_

Fax/e-mail: \_\_\_\_\_

Date and signature: \_\_\_\_\_

Way of notification:  Fax  Phone  E-mail  Courier

Breed: \_\_\_\_\_

Sex:  F  M  M.N.

Name: \_\_\_\_\_

Patient-ID \_\_\_\_\_

Sample quality:  Hemolytic  Lipaemic  Centrifugated

Date of birth: \_\_\_\_\_

Date of sampling: \_\_\_\_\_

Previous Laboratory No.: \_\_\_\_\_

### Profiles - Equine

**7700 Large Screening + blood count (45)** NaFB+S/1ml EB/1ml  
AP, γ-GT, bili, chol, glucose, AST, LDH, GLDH, CK, protein, Alb., Glob., urea, crea, Ca, Mg, K, Na, Fe, PO4, Cu, Zn, Se

**7500 Performance Screening + blood count (45)** NaFB+S/1ml EB/1ml  
AP, γ-GT, bili, glucose, AST, GLDH, CK, Alb., Glob., urea, crea, protein, lactate, Ca, Mg, K, Na, Fe, PO4, LDH

**1008 Senior Profile + blood count (45)** S,EB,NaFB EB/1ml  
urea, crea, PO4, Ca, bili, γ-GT, GLDH, total protein, Alb., Glob., glucose, triglycerides, Zn, Se

**2528 Foal Profile + blood count (45)** S/1ml EB/1ml  
triglycerides, urea, crea, protein, electrophoresis, γ-GT, Na, Ca, Mg, PO4

**4010 Mineral and trace elements Profile** S/1ml  
Mn, Zn, Se, Cu, Na, K, Ca, Mg, P, Cl, Fe

### Drugs

**2092 Screening for doping relevant substances\*** S,H/20ml

**2093 Antiphlogistics Screening\*** S,H/20ml

Further tests upon request!

### Immunology/Inflammation

**179 ANA-test** EP,HP,S/0,5ml

**180 coombs-test, direct/indirect IgG (foal)** EB,S/0,5ml

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

### Vitamines

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

Further requests:  
 Case history:

### Liver

**1001 Basic Screening** S/0,5ml  
AST, GLDH, γ-GT

**1002 Detailed Screening** S/1ml  
ALT, GLDH, AP, γ-GT, bili (I+II), total protein Alb, bile acid

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

### Kidney / Urine

**2000 Basic Screening** S/0,5ml  
urea, creatinin

**2002 Detailed Screening** S/1ml  
urea, crea, protein, Alb., Na, K, Ca, PO4

**2005 Protein-/Creatinine-ratio** H/1ml  
(U-P/C) - renal function

**2001 Urinalysis incl. sediment** +152 H/5ml

### Muscular Diseases

**4001 Screening** S/1ml  
CK, α-HBDH, AST, LDH, Na, K, Ca, PO4, Mg, Fe, Na/K-ratio

**264 Troponine I** S/0,5ml !

### Hematology

**35 Blood count** EB/2ml

**215 Morphology (cytology)** BS

**1010 Leucogram** EB/1ml

### Clotting

**596 Coagulation** CP/1ml  
Quick, PTT, clotting-time

**592 Fibrinogen** CP/1ml

### Hormones

#### Thyroid gland

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

**126 free-T4 (fT4)** S/0,5ml

**127 T3** S/0,5ml

#### Pregnancy diagnostics

**123 Progesterone** S/0,5ml  
Day 18./19 after conception

**124 PMSG** S/0,5ml  
Day 45 to 100

**122 Oestronesulfate** HP,S/1ml  
From day 100 and until 1 week prior to birth

#### Sex Hormones

**125 Oestradiol** S/0,5ml

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

**1360 HCG-stimulation test** S/2x0,5ml  
(2 x testosterone)

**2510 Inhibine\*** S/3ml

#### Adrenal cortex

**18 Cortisol** S/0,5ml

**141 ACTH stimulation test** S/2x0,5ml

**142 Dexamethason-suppression test** S/2x0,5ml

**121 ACTH-endogen** EP/0,5ml !

**182 TRH stimulation test** S/3x0,5ml  
(3 x cortisol)

**2532 Equine Cushing Profile + blood count (45)** EP,S,NaFB/2ml !  
Insulin, ACTH, glucose, fructosamine, triglyceride, γ-GT, RISQI, MIRG, I/G-ratio

**2531 Equine Metabolic Syndrome (EMS) + blood count (45)** EB/1ml  
Insulin, glucose, fructosamine, RISQI, MIRG, I/G-ratio

**609 Insulin** S/1ml !

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Insulin, glucose, fructosamine, RISQI, MIRG, I/G-ratio

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sample material: A=swab, AM=abort mat., AS=ascites, BS=blood smear, CP=citrat-plasma, EB=EDTA-blood, EP=EDTA-plasma, F=feather, FA=faeces, Gw=tissue, H=urine, HA=hairs, HP=heparin-plasma, HS=urolith, HT=skin, K=crust, KM=bone marrow

L=liver, LQ=liquor, Ln=lymph node, M=spleen, MH=morning urine, N=urine, NaFB=sodium-fluorid-blood, NaFP=sodium-fluorid-plasma, NSP=nasal lavage, S=serum, SV=synovia, TA=order spec. swab, V=vomit, Z=tick, \*=partnerlab, !=cooled



000160030011

## Infectious Diseases

### Serology

572	<b>Anaplasma phagozytophilum Ab</b> (Ehrlichia equi-Ab)	EP,HP,S/0,5ml
571	<b>Babesia -Ag</b> (microscopic)	BS,EB

### Babesia-Ab

Th.equi/B.caballi

576	<b>IFAT</b>	EP,HP,S/0,5ml
2576	<b>c-ELISA</b>	EP,HP,S/0,5ml
1576	<b>CFT*</b>	EP,HP,S/0,5ml

176	<b>Borrelia-Ab</b>	EP,HP,S/0,5ml
833	<b>Borrelia (Blot)</b>	S/0,5ml
5010	<b>Borna-Ab*</b>	S/0,5ml
146	<b>EHV 1+4 Ab</b>	S/0,5ml
5000	<b>Influenza-Ab*</b>	S/0,5ml
130	<b>Infectious anaemia-Ab</b> (coggins-test)	S/0,5ml

131	<b>Infectious Virus Arteriitis (EVA)-Ab</b>	S/0,5ml
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157	<b>Leptospira-Ab</b>	EP,HP,S/0,5ml
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564	<b>Listeria-Ab</b>	EP,HP,S/1ml
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2091	<b>West Nile Virus-Ab</b>	S/0,5ml
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120	<b>Salmonella-Ab</b> (s. abortus equi)	S/1ml
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2631	<b>Stomatitis Vesicularis-Ab*</b>	S/1ml
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2061	<b>Glanders*</b>	S/1ml
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2060	<b>Dourine*</b> Trypanosoma equiperdum	S/1ml
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### PCR-tests

8182	<b>Anaplasma phagozytophilum</b>	EB,KM,Z
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8019	<b>Babesia spp.</b>	EB,Z
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8010	<b>Borrelia spp.</b>	HT,LQ,SV,Z
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8223	<b>Equine Influenzavirus</b>	A
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8009	<b>EHV 1/4</b>	A,AM,LQ,EB
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8209	<b>EHV 2/5</b>	A
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8059	<b>Lawsonia intracellularis</b>	FA
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8031	<b>Leptospira spp.</b>	H,N
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8102	<b>Rhodococcus equi</b>	A
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8060	<b>Salmonella spp.</b>	FA
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8171	<b>Streptococcus equi equi</b>	A,LN
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8229	<b>Taylorella equigenitalis</b>	A
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8230	<b>EVA*</b>	A
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### PCR-profiles

8209	<b>Equine Eye Profile</b> (EHV2, EHV5)	A
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8224	<b>Equine Respiratory Profile</b> (EHV1, EHV4, equine influenza)	A
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8225	<b>Equine Respiratory Profile - Foal</b> (EHV1, EHV4, equine influenza, rhodococcus equi)	A
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### Autovaccines

155	<b>Rp. autovaccines for chron. Diarrhea</b> (in addition to bacteriological examination oral vaccine)
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1550	<b>Rp. combination of autovaccines</b> (in addition to the bacteriological examination 2 injections + oral vaccination)
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This submission form is valid as a veterinary prescription. Delivery time is 3-4 weeks.

Date: \_\_\_\_\_ Signature and stamp of vet.surgeon: \_\_\_\_\_

### Supply requests:

2	serum tubes	3	EDTA tubes
1	citrate tubes	7	urine containers
3a	heparin tubes	6	swab with medium
4	NaFl tubes	6a	swabs, plaine

## Bacteriology

### Incl. differentiation

Antibiogram each

2202 I do not require an antibiogram

Location of sampling: \_\_\_\_\_

### Swabs/Aspirate

156 **Bacteriology, Mycology**  
(incl. differentiation)

150 **Bacteriology**  
(incl. differentiation)

2151 **Mycology**  
(incl. differentiation)

### Skin/Hairs

150 **Bacteriology, Mycology** +151  
(incl. differentiation)

150 **Bacteriology**  
(incl. differentiation)

151 **Mycology**  
(incl. differentiation)

2175 **Dermatophilus Congolensis**

2109 **Trichogram**

174 **Ectoparasites**

### Special requests

165 **Anaerobic culture**

110 **Blood cultures**  
(aerobe and anaerobe)

184 **Reproduction bact. culture**  
(per swab, incl. diff.)

194 **Reproduction bact. culture + Mycology**  
(per swab, incl. diff.)

158 **CEM culture**  
(per swab, incl. diff.)

158 **Reproduction culture + CEM**  
(per swab, incl. diff.)

### Hereditary Diseases

8138 **PSSM** EB, HA  
Polysaccharide storage myopathy type 1 (all breeds)

8139 **HERDA** EB, HA  
Hereditary equine regional dermal asthenia (quarter horse)

8137 **GBED** EB, HA  
Glycogen branching enzyme deficiency (quarter horse)

8000 **HYPP** EB, HA  
Hyperkalaemic periodic paralysis (quarter horse)

8061 **OLWS** EB, HA  
Overo lethal white syndrome (american paint horse)

8001 **SCID** EB, HA  
Severe combined immunodeficiency (arabian)

8214 **CA\*** EB, HA  
Cerebellar abiotrophy marker test (arabian)\*

8231 **LFS** EB, HA  
Lavender foal syndrome (arabian)

8160 **Equine Malignant Hyperthermia** EB,HA  
(all breeds)

8072 **H-JEB** EB, HA  
(belgian draft)

## Maldigestion and Diarrhoea

### Microbiology

(3/4 filled stool sample container)

If necessary:

Differentiation each  
Antibiogram each

### 1167 Large Faecal Screening

Bacteriology and mycology, facultative pathogenic bacteria, salmonella, clostridium perfringens enterotoxin and clostridium difficile toxin A and B, incl. pH-value and germ-differentiation

### 167 Small Faecal Screening 27,06

Bacteriology and mycology, obligate and facultative pathogens, gasbuilders, pH-value and germ-differentiation

### 1662 Foal Diarrhoea Screening 56,10

Bacteriology, mycology, obligate and facultative pathogens, gasbuilders, pH-value, germ-differentiation, endoparasites incl. protozoos, rotavirus and clostridium perfringens-toxin

## Toxins

189 **Clostridium Difficile toxin**  
Toxin A + B

188 **Clostridium Perfringens enterotoxin**

## Parasitology

149 **Parasitological examination**  
Flotation and MIFC for worm egg and protozoa detection

585 **Baermann test**  
In addition to the parasitological exam. (lungworm larvae)

2632 **Modified McMaster**

## Virology

172 **Rotavirus (EIA)**

## Maldigestion / Malabsorption

1408 **Sand content**

1400 **Particle size**

## Single Parameters

### Enzymes

2	<b>α-HBDH</b>	EP,HP,S/0,5ml
5	<b>AP</b>	S/0,5ml
6	<b>AST (GOT)</b>	EP,HP,S/0,5ml
8	<b>CK</b>	EP,HP,S/0,5ml
9	<b>γ-GT</b>	EP,HP,S/0,5ml
10	<b>GLDH</b>	EP,HP,S/0,5ml
11	<b>LDH</b>	EP,HP,S/0,5ml

### Substrates

63	<b>albumin</b>	EP,HP,S/0,5ml
16	<b>bilirubin total</b>	EP,HP,S/0,5ml
17	<b>cholesterol</b>	EP,HP,S/0,5ml
18	<b>protein total</b>	EP,HP,S/0,5ml
3011	<b>fructosamine</b>	S/1ml
128	<b>bile acids</b>	S/0,5ml
20	<b>glucose</b>	NaFB/2ml
21	<b>urea</b>	EP,HP,S/0,5ml
23	<b>creatinine</b>	EP,HP,S/0,5ml
24	<b>lactat</b>	NaFB/0,5ml
25	<b>triglyceride</b>	EP,HP,S/0,5ml

### Minerals / Electrolytes

26	<b>calcium</b>	S/0,5ml
27	<b>chloride</b>	S/0,5ml
28	<b>iron</b>	S/0,5ml
29	<b>potassium</b>	S/0,5ml
30	<b>copper</b>	S/0,5ml
31	<b>magnesium</b>	S/0,5ml
4008	<b>manganese</b>	S/0,5ml
32	<b>sodium</b>	S/0,5ml
33	<b>phosphat, anorganic</b>	S/0,5ml
4004	<b>selenium</b>	S/0,5ml
34	<b>zinc</b>	S/0,5ml

8b	swab containers	15	histology pots with formalin	36	submission forms - GENERAL
10	envelopes for post/courier	47	ACD tubes for CAST	57	submission forms - ALLERGY
11	tube containers	5	faeces containers	58	submission forms - PATHOLOGY
12	container for slides	15	medium for mykoplasma	64	submission forms - GENETICS
13	chlamyophila-Ag medium	80	barcodes	16	submission forms - EQUINE

### General conditions:

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

Beleg-ID

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