

Request for Diagnostic Testing Ruminants



Testing laboratory accredited by the DAkkS according to DIN EN ISO/IEC 17025.



To:
IVD GmbH
Innovative Veterinary Diagnostic Laboratory
 Albert-Einstein-Str. 5 30926 Seelze-Letter GERMANY



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 E-Mail: service@ivd-gmbh.de <https://www.ivd-gmbh.de>

Veterinarian / Sender:		Address of animal owner:		Other:	
Name		Name		Name	
Street		Street		Street	
City / Postal code		City / Postal code		City / Postal code	
Country		Country		Country	
Phone		Phone		Phone	
Fax		Fax		Fax	
E-Mail:		E-Mail:		E-Mail:	
Results to:			Invoice only to:		
<input type="checkbox"/> Veterinarian <input type="checkbox"/> Animal owner <input type="checkbox"/> Others			<input type="checkbox"/> Veterinarian / Sender VAT Reg. No.:		

Sampling date:				
Type of operation: <input type="checkbox"/> breeding <input type="checkbox"/> dairy cattle <input type="checkbox"/> beef cattle <input type="checkbox"/> other:			Animal species:	
Herd size: number of animals:			Race:	
Clinical symptoms: <input type="checkbox"/> no symptoms (health check)				
<input type="checkbox"/> respiratory <input type="checkbox"/> enteric <input type="checkbox"/> reproductive <input type="checkbox"/> neurological <input type="checkbox"/> fever <input type="checkbox"/> inappetence <input type="checkbox"/> mastitis <input type="checkbox"/> other:				
Further information:				
Animals treated:		<input type="checkbox"/> no <input type="checkbox"/> yes	For how long / last on:	with:
Animals vaccinated against:		<input type="checkbox"/> no <input type="checkbox"/> yes	last vaccination on:	vaccine:

Location and date	Signature of veterinarian / sender
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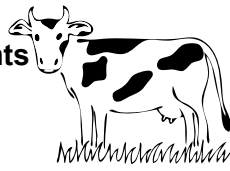
The current price list is available on request. All services are subject to our General Terms and Conditions of Sale, which can be reviewed at <https://www.ivd-gmbh.de>
 Our privacy policy can be found at <https://www.ivd-gmbh.de/datenschutz>

Sample No.	animal ID / bar code	material *	sex / age	Sample No.	animal ID / bar code	material *	sex / age
1				11			
2				12			
3				13			
4				14			
5				15			
6				16			
7				17			
8				18			
9				19			
10				20			

* blood (serum, plasma), individual milk (one animal), bulk milk (of different animals), tank milk, BALF, organs, feces, etc.

Comments:

Serological tests for specific agents (Detection of antibodies)



- No. _____ *Brucella* RBT (no EDTA!)
- No. _____ *Chlamydia* CFT (no EDTA!)
- No. _____ *Coxiella burnetii* (Q-Fieber) ELISA
also for milk and tank milk
- No. _____ *Leptospira* (pathogenic serovars) MAT
- No. _____ *Mycobacterium avium* ssp.
paratuberculosis (MAP) ELISA
also for milk
- No. _____ *Mycoplasma bovis* ELISA
also for milk

Serological Screenings

- No. _____ „Reproduktion Cattle“:
Brucella, Chlamydia, Coxiella, Leptospira

Important!

The material best suited for all serological examinations is **serum or blood without anticoagulants**. Plasma (EDTA, Li-Heparin, Citrat) may interfere in CFT or agglutination tests. Please call us (+49 511 220029-0) or visit our website <https://www.ivd-gmbh.de> for more information.

Milk testing „Cattle“

- No. _____ *Mycobacterium avium* ssp. *paratuberculosis*
ELISA and PCR testing of the same milk
sample
- No. _____ *Mycoplasma bovis*
ELISA and PCR testing of the same milk
sample

PCR tests for specific agents

- No. _____ Bovine Coronavirus
- No. _____ *Chlamydia*
- No. _____ *Leptospira* (Differentiation of pathogenic
Leptospira subclades P1 and P2)
- No. _____ *Mycobacterium avium* ssp. *paratuberculosis*
- No. _____ *Mycoplasma bovis*
- No. _____ Rotavirus group A / C

Multiplex PCRs

- No. _____ **Multiplex PCR „Ruminant Respiratory
Pathogens“:**
Histophilus somni, Mannheimia haemolytica,
Mycoplasma bovis, Pasteurella multocida,
BRSV, PI3V, bovines Coronavirus

Important!

If **swabs** are used for PCR, they have to be **dry and free of medium**.
Please specify if a **pool** of (up to 5) individual samples is to be
tested: e.g. pool 1-4, 6-10 or 1+2+11+12+13, etc.
Please indicate if it is already pooled samples!

Bacteriological testing

- No. _____ Examination by bacteriological culture in
general
- No. _____ Examination by bacteriological culture only for:
(specify bacteriological agents)
- _____
- No. _____ Custodial storage of pathogenic isolates

Respiratory infections

(bronchoalveolar lavage fluid (BALF),
lung or bronchial swab, lung)

- No. _____ Examination by bacteriological culture incl.
Mycoplasma

Diarrheal pathogen in calves

(feces, fecal swab, rectal swab, small and large intestine)

- No. _____ Examination by bacteriological culture for
Escherichia coli
- Virulence-associated factors (PCR)
- No. _____ Examination by bacteriological culture for
Clostridium perfringens
- Genotyping and toxin production
(PCR & immunoblot)
- No. _____ Examination by bacteriological culture for
Clostridium difficile
- Toxin genes A/B and binary toxin genes A/B
(PCR)

Antimicrobial susceptibility testing of pathogenic isolates

- No. _____ Agar diffusion test
- No. _____ Microdilution technique

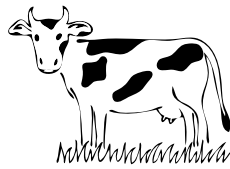
Typing of bacterial isolates

- No. _____ **MRSA Methicillin-Resistant
*Staphylococcus aureus***
mecA gene and PBP2 expression
(PCR & agglutination)
- No. _____ ***Pasteurella multocida* capsular typing**
Capsular type A, B, D, E and F as well as
haemorrhagic septicaemic (HS) capsular
type B (PCR)
- No. _____ ***Salmonella* PCR**
Salmonella spec., Serovar Typhimurium
- No. _____ **16S rRNA typing**
for general species identification

Screening Diarrhea

- No. _____ **“Calf”:**
Rotavirus and Bovine Coronavirus (PCR),
Detection of parasites,
Cryptosporidia,
E. coli and *C. perfringens* (culture)
- with typing *E. coli***
- with typing *C. perfringens***
with susceptibility testing
- Agar diffusion test
- Microdilution technique

Parasitological testing



Detection of parasite stages in feces:

- No. _____ Helminth eggs (worm eggs) and protozoan oocysts (feces)
- No. _____ *Cryptosporidium* (feces)
- No. _____ Liver and rumen fluke eggs (*Fasciola*, *Dicrocoelium*, *Paramphistomum*) (feces)
- No. _____ Longworms and Protostrongylidae (*Dictyocaulus viviparus*, *D. filaria*) (Baermann-Wetzel larvae migration technique) (feces)

Detection of skin parasites:

- No. _____ Mites (*Sarcoptes*, *Chorioptes*, *Psoroptes* mange, etc.) (deep skin scrapings)
- No. _____ *Mallophaga*, lice (adhesive film copy)

Histological testing

- No. _____ **Histology**

Immunohistology

- No. _____ **Leptospira** (kidneys, liver, lung, placenta)
- No. _____ **Rotavirus group A** (small intestine)

For information about suitable specimens for the detection of various agents visit our website <https://www.ivd-gmbh.de> or call us (+49 511 220029-0). On our website you will also find a request form for suitable packaging material for samples.