

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



Phone: + 49 (0)511-22 00 29-0 Fax: -99
 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 <u>only</u> 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:			Animal species:	
<input type="checkbox"/> breeding <input type="checkbox"/> dairy cattle <input type="checkbox"/> beef cattle <input type="checkbox"/> other:				
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:

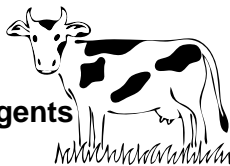
Location and date	Signature of veterinarian / sender
-------------------	------------------------------------

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 fever) ELISA also milk and tank milk*
- No. *Leptospira* (pathogenic serovars) MAT
- No. *Mycoplasma* *bovis* ELISA also milk*
* on request

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 see our website <https://www.ivd-gmbh.de> for more information.

Milk testing "Cattle"

- No. *Mycoplasma* *bovis* ELISA ELISA and PCR testing of the same milk sample*
* on request
- No. Examination by bacteriological culture incl. Mycoplasma
- No. Examination by bacteriological culture without Mycoplasma

PCR tests for specific agents

- No. Bovine Coronavirus
- No. *Chlamydia*
- No. *Leptospira* (pathogenic serovars)
- 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, bovine 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
- No. Examination by bacteriological culture without 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 und 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

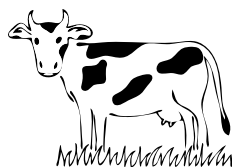
- No. Agar diffusion test
- No. Microdilution technique

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 parasite incl. *Coccidia*, *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. _____ Rotavirus group A (small intestine)

For information about suitable specimens for the detection of various agents see 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.