

# Request for Diagnostic Testing Ruminants



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



Deutsche  
Akkreditierungsstelle  
D-PL-18303-02-00

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](mailto:service@ivd-gmbh.de) <https://www.ivd-gmbh.de>

<b>Veterinarian / Sender:</b>	<b>Address of animal owner:</b>	<b>Other / Location of the animals:</b>
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:

<b>Results to:</b> <input type="checkbox"/> Veterinarian <input type="checkbox"/> Animal owner <input type="checkbox"/> Others	<b>Invoice only to:</b> <input type="checkbox"/> Veterinarian / Sender    VAT Reg. No.:
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<b>Sampling date:</b>	
<b>Type of operation:</b> <input type="checkbox"/> breeding <input type="checkbox"/> dairy cattle <input type="checkbox"/> beef cattle <input type="checkbox"/> other:	<b>Animal species:</b>
<b>Herd size:</b> number of animals:	<b>Race:</b>
<b>Clinical symptoms:</b> <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:	
<b>Further information:</b>	
<b>Animals treated:</b> <input type="checkbox"/> no <input type="checkbox"/> yes	<b>For how long / last on:</b> with:
<b>Animals vaccinated against:</b> <input type="checkbox"/> no <input type="checkbox"/> yes	<b>last vaccination on:</b> 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

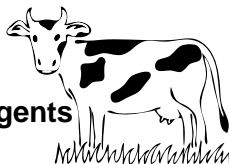
<https://www.ivd-gmbh.de>

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. ☐ *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!**

## microbiological disinfection check

- No. ☐ **microbiol. disinfection check**  
only total bacterial count
- ☐ **with *E. coli*, *C. perfringens* and mold fungi**

## 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

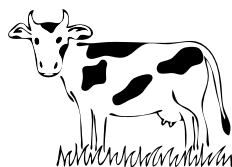
- No. ☐ Agar diffusion test
- No. ☐ Microdilution technique

## 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.