

Request for Diagnostic Testing Pig / Swine



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: Vet-ID-No.: (for Salmonella monitoring Qualiproof [®] by QS)	E-Mail: VVVO-No.: (for Salmonella monitoring Qualiproof [®] by QS)	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: breeding: <input type="checkbox"/> sows <input type="checkbox"/> boars <input type="checkbox"/> multiplier <input type="checkbox"/> production of gilts <input type="checkbox"/> production of boars mast: <input type="checkbox"/> farrowing operation <input type="checkbox"/> nursery <input type="checkbox"/> finishing operation <input type="checkbox"/> closed system			
Herd size:	number of <input type="checkbox"/> sows / <input type="checkbox"/> boars:	number of piglets:	number of fatteners:
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"/> other:			
Clinical history:			
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:
	<input type="checkbox"/> no <input type="checkbox"/> yes	last vaccination on:	vaccine:
	<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				26			
2				27			
3				28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

* blood (serum, plasma), BALF, organs, urine, feces, etc.

** sow (**s**, **gilt**); boar (**b**); piglet (**p**): suckling piglet (**sp**), weaning piglet (**wp**), growing pig (**gp**); fattening pig (**f**)

Tests requested:

Serological tests for specific agents

(Detection of antibodies)



No. App (*Actinobacillus pleuropneumoniae*)
ApXIV ELISA (**standard**)

No. App LPS Mix ELISA

App serotyping /

Single App serotypes / groups:

No. App ELISA virulent plus screening:
highly virulent serotypes 1/9/11, 5a/b
& 2 (dominant in EU)

No. App ELISA full screening:
all 12 serotypes

No. App ELISA serotypes 1/9/11

No. App ELISA serotype 2

No. App ELISA serotypes 3/6/8

No. App ELISA serotypes 4/7

No. App ELISA serotypes 5a/b

No. App ELISA serotype 10

No. App ELISA serotype 12

No. *Chlamydia* CFT (**no EDTA!**)

No. *Erysipelothrix rhusiopathiae* ("Erysipelas")
ELISA

No. *Gps* / *Glaesserella parasuis*
(*Hps* / *Haemophilus parasuis*) ELISA

No. Influenza A Virus (IAV) ELISA
(**standard**)

No. Influenza A Virus (IAV) OF ELISA
for oral fluids only

No. Influenza A Virus (IAV) or Swine
Influenza A Virus (SIV) HI
(H1N1, H1N2, H3N2, pH1N1 & pH1N2)
(recommended for vaccinated sows,
no EDTA!)

No. *Lawsonia intracellularis* ELISA

No. *Leptospira* (pathogenic serovars) MAT

No. *Mycoplasma hyopneumoniae* ELISA

No. *Mycoplasma hyorhinis* ELISA

For further serological examinations only, e.g. concerning export examinations, not for exclusion of registered diseases

No. AKV (Virus of Aujeszky's Disease or
Pseudorabies also PRV) ELISA

No. *Brucella* RBT (**no EDTA!**)

No. CSFV (Virus of Classical or European
Swine Fever) ELISA

No. SVDV (Virus of Swine Vesicular Disease)
ELISA

No. PMT (*Pasteurella multocida* toxin) ELISA

No. PCV2 (Porcine Circovirus 2)
IgM/IgG ELISA (**standard**)

No. PCV2 ELISA (titration)

No. PEDV ELISA

No. PPV (Porcine Parvovirus) ELISA

No. PRRSV (Porcine Reproductive and
Respiratory Syndrome Virus) ELISA
(**standard**)

No. PRRSV OF ELISA
for oral fluids only

No. *Salmonella* ELISA

Export into Qualiproof® data base (QS)

No. *Sarcoptes scabiei* var. *suis* ("Scabies")
ELISA

No. TGEV/PRCV (Virus of Transmissible
Gastroenteritis / Porcine Respiratory
Coronavirus) ELISA

No. *Yersinia* (pathogenic) ELISA

Serological Screenings

No. **Screening for fattening pigs:**
App, PMT, PRRSV, *Salmonella*

No. **Respiratory screening "Ahlem":**
App, *M. hyopneu.*, PRRSV,
IAV: ELISA/ HI

No. **Respiratory screening "Glässer":**
App, *Gps* (*Hps*), PRRSV,
IAV: ELISA/ HI

No. **Reproductive tract screening
"Ery+Parvo":**
PRRSV, PPV, *Leptospira*, Erysipelas

No. **Reproductive tract screening "Melle":**
PCV2 (IgM/IgG), PRRSV, *Leptospira*,
IAV: ELISA/ HI

No. **Health Check "Swine":**
App, *M. hyopneu.*, Erysipelas,
Leptospira, PRRSV, PPV,
IAV: ELISA/ HI

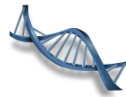
Important!

The material best suited for all serological examinations is **serum or blood without anticoagulants**.

Furthermore, detection of antibodies is also possible in bodily fluids, especially oral fluids.

Please call us (+49 511 220029-0) or see our website <https://www.ivd-gmbh.de> for more information.

Tests requested:



PCR tests for specific agents

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!

- No. *A. pleuropneumoniae* (App)
- No. *Brachyspira hyodysenteriae*
- No. *Brachyspira pilosicoli*
- No. *Brachyspira* spec.,
B. pilosicoli, *B. hampsonii*, *B. intermedia*,
B. innocens, *B. suanatina* and *B. murdochii*
- No. *Brachyspira* with differentiation of all
species above incl. *Brachyspira*
hyodysenteriae
- No. *Campylobacter* sp., *C. coli* and *C. jejuni*
- No. *Chlamydia*
- No. *Chlamydia* with differentiation of species
- No. Coronavirus (TGEV + PEDV)
- No. *Glaesserella* (*Haemophilus*) *parasuis* +
potential virulence marker
- No. Influenza A Virus (IAV)
- SIV (Swine Influenza Virus) Subtyping
(only subsequent to positive IAV PCR)
- No. *Lawsonia intracellularis*
- No. *Lawsonia intracellularis* quantitative PCR
(Only testing of individual samples is
useful!)
- No. *Leptospira* (pathogenic serovars)
- No. *Mycoplasma hyopneumoniae*
- No. *Mycoplasma hyorhinis*
- No. *Mycoplasma hyosynoviae*
- No. *Mycoplasma suis* ("Eperythrozoonosis")
- No. *Pasteurella multocida* toxin A
- No. PCV2/3
- No. PCV2 quantitative PCR
(Only testing of individual samples is
useful!)
- No. Nucleotide sequence analysis of a PCV2
PCR product (orf2) incl. alignment
- No. PPV
- No. PRRSV-1+2 (EU/NA) as well as "highly
pathogenic" PRRSV-2 variants
- No. PRRSV DV
(PRRSV-1 vaccine strain)

- No. Nucleotide sequence analysis of a PRRSV
PCR product incl. alignment
- PRRSV-1 (EU)
- PRRSV-2 (NA)
- Additional alignment to further
PRRSV sequences:

- No. Rotavirus group A / C
- No. *Salmonella* spec., Serovar Choleraesuis
and Typhimurium
- No. *Streptococcus suis*

Important!

If swabs are used for PCR, they have to be **dry and free of medium**.

PCR Screenings

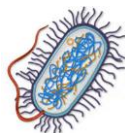
(combination of single PCRs)

- No. **PCR "Respiration":**
App, *M. hyopneu.*, IAV, PRRSV
- No. **PCR "Bakum":**
M. hyopneu., IAV, PCV2/3, PRRSV
- No. **PCR "Dessau":**
App, *M. hyopneu.*, PCV2/3, PRRSV
- No. **PCR "Dysentery/Ileitis":**
Brachyspira hyodysenteriae, *Lawsonia*
intracellularis
- No. **PCR "Enteritis":**
Brachyspira hyodysenteriae, *Lawsonia*
intracellularis, *Salmonella* spec.
- No. **PCR "Reproduction":**
Chlamydia, *Leptospira*, PCV2/3, PPV,
PRRSV
- No. **PCR "Rota-/Coronavirus":**
Rotavirus group A / C, TGEV, PEDV
- No. **PCR "Oral Fluids"
for Herd Check:**
M. hyopneu., *M. hyorhinis*, IAV, PCMV,
PCV2, PRCV, PRRSV, PPV, PEDV,
Rotavirus A / C, *Brachyspira*
hyodysenteriae, *Lawsonia intracellularis*

Multiplex PCRs

- No. **Multiplex PCR "Neumünster":**
M. hyopneu., *M. hyorhinis*, IAV, PCMV,
PCV2, PRCV, PRRSV
- No. **Multiplex PCR "APP/GPS (HPS) + vir":**
App, *Gps* (*Hps*) + potential virulence
marker
- No. **Multiplex PCR "Serositis":**
Gps (*Hps*) + potential virulence marker,
M. hyorhinis
- No. **Multiplex PCR "Arthritis":**
Gps (*Hps*), *M. hyorhinis*, *M. hyosynoviae*,
Streptococcus suis

Tests requested:



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

Antimicrobial susceptibility testing of pathogenic isolates

- No. Agar diffusion test
- No. Microdilution technique

Typing of bacterial isolates

- No. **App** Serotyping (PCR)
- No. **App** Apx toxin typing (PCR)
- No. **Clostridioides difficile**
Toxin genes A/B and binary toxin genes A/B (PCR)
- No. **Clostridium perfringens**
Genotyping and toxin production (PCR & Immunoblot)
- only PCR
- only Immunoblot
- No. **Escherichia coli pathotype PCR**
Virulence-associated factors incl. "Edema disease"
- No. **Glaesserella (Haemophilus) parasuis**
Serotyping (PCR)
- No. **vtaA-LS-PCR**
Prognosis of the virulence potential of *Glaesserella (Haemophilus) parasuis*
- No. **mcr-1 gene (PCR) (colistin resistance)**
- No. **MRSA Methicillin-Resistant Staphylococcus aureus**
mecA gene and PBP2 expression (PCR & agglutination)
- No. **Pasteurella multocida toxin**
Detection of *toxA* gene (PCR)
- No. **Pasteurella multocida capsular typing**
Capsular type A, B, D, E and F as well as haemorrhagic septicaemic (HS) capsular type B (PCR)
- No. **Porcine Mycoplasma** Differentiation of: *M. flocculare*, *M. hyopneumoniae*, *M. hyosynoviae*, *M. hyorhinis* (PCR)

- No. **Salmonella PCR**
Salmonella spec., Serovar Choleraesuis and Typhimurium
- No. **Staphylococcus hyicus**
Exfoliative toxin genes A-D and virulence-associated factor (PCR)
- No. **Streptococcus suis**
Capsular type (cps 1, 2, 4, 7 or 9) and virulence-associated factors (PCR)
- No. **16S rRNA typing**
for general species identification

Diagnostic Profiles

- No. **"Diarrhea Suckling pig":**
Rotavirus and Coronavirus (PCR),
E. coli and *C. perfringens* (culture),
Detection of parasite
- 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), protozoan oocysts and cysts (feces)
- No. *Cryptosporidium* (feces)
- No. Liver fluke eggs (*Fasciola*, *Dicrocoelium*) (feces)
- Detection of skin parasites:**
- No. Mites (Sarcoptes (Scabies), Demodex mites (Demodicosis), etc.) (deep skin scrapings)
- No. Lice (*Haematopinus suis*) (adhesive film copy)



Tests requested:

Pathological testing

No. _____ Macroscopic examination

No. _____ Histology with a simple report
(standard)

No. _____ Histology with a detailed report

Further testing and services on request:

e.g. examinations for the international swine trade (incl. Classical Swine Fever, Aujeszky's disease, TGE, SVD etc.);
provision of characterized, bacterial isolates, etc.

Comments:

Immunohistology

No. _____ *Actinobacillus pleuropneumoniae*

No. _____ Influenza A Virus (IAV)

No. _____ *Lawsonia intracellularis*

No. _____ *Leptospira*

No. _____ *M. hyopneumoniae*

No. _____ PCV2

No. _____ PRRSV

No. _____ Rotavirus group A

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.