

**ANICON®**

**SAN®**  
VET



PORTFOLIO

# DIAGNOSTIC SERVICES PORTFOLIO

**SWINE**



PORTFOLIO

# PATHOLOGY

Item-No.	Pathology
22060	Targeted sampling for bacteriology and/or PCR (per animal)
22070	Pathological-anatomical report (per animal)
26580	Pathological-histological investigation (per sample)
26590	Immunohistology (per sample)
23680	Processing and disposal of carcasses (per kg)

Item-No.	Material for sampling
27960	AniCard (per card)
28610	Oral Fluid Sampling Kit (per set)
28530	Monovette EDTA (per 50 tubes)
28540	Monovette Serum (per 50 tubes)
10417	NGS Sampling Kit (1 Kit for 10 samples)
10418	NGS Sampling Kit (10 Kits for 100 samples)
28560	Reaction tube 1,5 ml (per 500 tubes)
28520	Tube 13 ml and plug (per 500 tubes)
28580	Salmonella-sampling swab (per 50 swabs)
28590	Boot/Sock swab sampling material (per 100 swabs)
28550	Sampling beaker sterile (per 5 beaker)
29650	Sampling beaker with Formalin for pathology (per beaker)
15160	Fine swab (aluminum) with transport medium (bacteriology) (per 100 swabs)
12810	Fine swab (aluminum) without transport medium (bacteriology/PCR) (per 100 swabs)
19910	Swab (wooden) without transport medium (bacteriology) (per 100 swabs)
26780	Swab with preservative agent (Mykoplasma or Virus culture) (per 50 swabs)
10432	Sampling beaker with UTM-transport medium (10 ml)
27460	Swab with preservative agent (Brachyspira) (per 50 swabs)
19930	Paper strips (ELISA) (per 100 strips)

Item-No.	Sample collection service
26870	Sample collection standard amount (small box 5 litre)*
26880	Sample collection standard amount (big box 30 litre)*

\* Delivery of these boxes on request.

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# SEROLOGY

Item-No.	Serology
20870	Actinobacillus pleuropneumoniae (APP)
28660	African Swine Fever (ASF)
20940	Aujeszky Disease (AD)
20910	Brucellosis (ELISA)
20570	Erysipelothrix rhusiopathiae
26510	Glaesserella parasuis OppA antibodies
10527	IgG detection of colostrum/blood serum (ELISA)
10366	IgG detection of colostrum (refractometric)
20930	Influenza (SIV)
20920	Classical Swine Fever (CSF)
26520	Lawsonia intracellularis
20880	Mycoplasma hyopneumoniae (Mesomycoplasma hyopneumoniae)
20890	Porcine Parvovirus (PPV)
20950	Porcine Circovirus 2 (PCV-2) IgG/IgM
20900	Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)
20960	Salmonella spp.
26540	Sarcoptes scabiei var. suis IgG ELISA

Item-No.	Serotyping of antibodies
27540	Actinobacillus pleuropneumoniae (Serotype 1-12)
27550	Actinobacillus pleuropneumoniae (Serotype 1/9/11)
27560	Actinobacillus pleuropneumoniae (Serotype 2)
27570	Actinobacillus pleuropneumoniae (Serotype 3/6/8)
27580	Actinobacillus pleuropneumoniae (Serotype 4/7)
27590	Actinobacillus pleuropneumoniae (Serotype 5a/b)
27600	Actinobacillus pleuropneumoniae (Serotype 10)
27610	Actinobacillus pleuropneumoniae (Serotype 12)
26560	Influenza antibody subtyping (HAI)
26570	Leptospira, pathogenic (MAT)

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# MICROBIOLOGY

Item-No.	Microbiology & Microscopy
18060	Bacteriological culture (per swab)
18850	Brachyspira spp. culture
26601	Clostridioides difficile culture
26602	Clostridium perfringens culture
10264	Enterococcus spp. culture
20090	Mycoplasma spp. culture
18260	Salmonella spp. culture
18090	Identification – Maldi-TOF mass spectrometry
26640	Parasitological investigation (flotation)
18130	Sensitivity testing (ADT, agar diffusion test)
26610	Sensitivity testing (MIC, minimum inhibitory concentration)

Item-No.	Characterisations & Typeings of Bacteria**
26400	Actinobacillus pleuropneumoniae (serotype 1-18) capsule gene PCR
26410	Actinobacillus pleuropneumoniae (APP) APXI, APXII, APXIII PCR
20200	Clostridioides difficile (toxin gene A & B PCR)
20210	Clostridium perfringens (major & minor toxin gene PCR)
26460	E. coli PCR suckling piglets (19 virulence factor genes)
26470	E. coli PCR weaner pigs (16 virulence factor genes)
26430	Glaesserella parasuis (GPS) capsule gene PCR
10266	Glaesserella parasuis (GPS) virulence marker PCR
29330	Pasteurella multocida capsule typing (A, B, D, E, F)
20110	Salmonella spp. typing (Kauffmann-White schedule)
17340	Staphylococcus hyicus virulence gene PCR
26490	Streptococcus suis capsule gene PCR
26500	Streptococcus suis (virulence factors PCR)

\*\* Characterization and typing PCRs are individually invoiced. They are not part of the PCR packages (rebate system).

Item-No.	Diagnostic Profile
18170	Profile „Neonatal Diarrhoea“ per sample***: Aerobic, Enterococci and Clostridia spp. (Cl.perf./Cl.diff.) cultures; sensitivity testings (MIC); Detection-PCRs: Rotavirus A/C, Coronavirus (TGE/PED); Typing-PCRs: Typing and toxin genes (Cl.perf./Cl.diff); E.coli virulence factor genes (19 ×)

\*\*\* 1 sample = 1 piglet carcass/fecal sample/rectal swab/part of the intestine. In case of sending a rectal swab, 3 swabs per piglet should be taken. These 3 rectal swabs per piglet are invoiced as one sample. No swabs for Cl. difficile culture!

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# MOLECULAR BIOLOGY

Item-No.	PCR Detection
21720	Actinobacillus pleuropneumoniae (Screening-PCR)
21730	Brachyspira spp.
10562	Brachyspira hampsonii
10563	Brachyspira hyodysenteriae
15564	Brachyspira innocens
10566	Brachyspira intermedia
10565	Brachyspira pilosicoli
20180	Campylobacter spp. Screening, (C. coli, C. jejuni, C. lari) (incl. enrichment culture)*
10571	Campylobacter coli (incl. enrichment culture)*
10572	Campylobacter jejuni (incl. enrichment culture)*
10573	Campylobacter lari (incl. enrichment culture)*
20190	Chlamydia spp.
22180	Cryptosporidium parvum
10561	Cystoisospora suis
22170	E. coli Stx2e (Shigatoxin) direct detection
10439	E. coli F18 direct detection
26380	Erysipelothrix rhusiopathiae
26330	Glaesserella parasuis (GPS) Screening-PCR
20270	Influenza (SIV) (Screening-PCR)
18120	Lawsonia intracellularis (PIA)
22090	Leptospira (pathogenic)
26310	Mycoplasma hyopneumoniae (Mesomycoplasma hyopneumoniae)
26320	Mycoplasma hyorhinis (Mesomycoplasma hyorhinis)
26390	Mycoplasma hyosynoviae (Metamycoplasma hyosynoviae)
24120	Mycoplasma suis
21780	Pasteurella multocida (Screening-PCR)
26340	Pasteurella multocida Toxin A**
20241	Porcine Circovirus 2 (PCV-2)
20242	Porcine Circovirus 2 (PCV-2) (quantitative in GE/g)!
26370	Porcine Circovirus 3 (PCV-3)
10570	Porcine Epidemic Diarrhoe Virus (PEDV)
20740	Porcine Parvovirus (PPV)
26350	Porcine Reproductive and Respiratory Syndrome Virus (PRRSV-1 (EU), PRRSV-2 (US))

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# MOLECULAR BIOLOGY

Item-No.	PCR Detection (continuation)
24850	Porcine Teschovirus 1 (PTV-1)
10567	Rotavirus A (RVA)
10568	Rotavirus C (RVC)
20260	Salmonella enterica (incl. enrichment culture)*
29210	African Swine Fever (ASF)*
21740	Classical Swine Fever (CSF)
23750	Streptococcus suis (Screening-PCR)
10569	Transmissible Gastroenteritis Virus (TGEV)

! pooling of samples not possible

\* These detection PCRs are not part of the PCR packages (rebate system).

\*\* In addition to Pasteurella multocida screening PCR only.

Item-No.	PCR packages (rebate system)
26650	PCR package swine (2 parameters)
26660	PCR package swine (3 parameters)
26670	PCR package swine (4 parameters)
26680	PCR package swine (5 parameters)
26690	PCR package swine (6 parameters)
26700	PCR package swine (7 parameters)
26710	PCR package swine (8 parameters)
26720	PCR package swine (9 parameters)
10341	PCR package swine (10 parameters)
10342	PCR package swine (11 parameters)
10343	PCR package swine (12 parameters)

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# MOLECULAR BIOLOGY

Item-No.	Characterisations & Typings by PCR**
26400	Actinobacillus pleuropneumoniae (serotype 1-18) capsule gene PCR
26410	Actinobacillus pleuropneumoniae (APP) APXI, APXII, APXIII PCR
20200	Clostridioides difficile (toxin gene A & B PCR)
20210	Clostridium perfringens (major- & minor toxin gene PCR)
26460	E. coli PCR suckling piglets (19 virulence factor genes)
26470	E. coli PCR weaner pigs (16 virulence factor genes)
26430	Glaesserella parasuis (GPS) capsule gene PCR
10266	Glaesserella parasuis (GPS) virulence marker PCR
26450	Influenza A typing PCR (incl. detection of pandemic strains)
29330	Pasteurella multocida capsule typing (A, B, D, E, F)
10069	PCV-2 genotyping (a-d)
17340	Staphylococcus hyicus virulence gene PCR
26490	Streptococcus suis capsule gene PCR
26500	Streptococcus suis (virulence factors PCR)

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Item-No.	Sequencing
26810	Brachyspira hyodysenteriae MLST
10664	Glaesserella parasuis MLST
10662	Influenza A whole genome sequencing (NGS)
10754	Microbiom NGS (16S rRNA)
10363	PCV-2 sequencing
24820	PRRSV (ORF-5)
24820	PRRSV (ORF-7)
10559	PRRSV (ORF-5 and ORF-7)
10661	PRRSV whole genome sequencing (NGS)
26480	Rotavirus A (2 × VP)
10663	Rotavirus C (2 × VP)
10643	Streptococcus suis MLST
10644	16S rRNA-typing (sequencing)
10557	De Novo sequencing (NGS) of diagnostic samples
10755	Whole genome sequencing of isolates (NGS)

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# VIROLOGY

Item-No.	Viral culture
10558	Encephalomyocarditis virus (ECMV)
26630	Influenza virus A (SIV)
26620	Rotavirus A (RVA)
26760	Teschovirus (PTV-1)

## CONSULTING

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