

Health monitoring of pig colonies can be conducted through a combination of microbiology, parasitology. In addition we can offer a also additional ELISA and/ or PCR test for all FELASA recommended pathogens according your needs as custom monitoring panel..

Different sample types can be used for the different diagnostic procedures:

S - Serum	DS - Dry swab
BS - Blot spot	MS - Microbiology swab (medium swab)
T- Tissue	DSS - Deep skin scrape
F- Feces	FS - Fur swab

BACTERIA / FUNGI

Culture / MALDI-TOF	Sample type	Microbiology
Microbiology (MB)	F,T, MS	✓

Culture / MALDI-TOF	Sample type	Microbiology
Swab, aerobic	MS	
Swab, anaerobic	MS	
Mycology	MS	

PARASITES

Microscopy, Flotation	Sample type	Parasitology
Endoparasites (ENP)		
Helminths	F	✓
Protozoa	F	✓
Ectoparasites (ECP)	DS	✓

PATHOLOGY

Diagnostic service	Method	Pathology
Histological exam. (per organ)	Microscopy	

Possible pathogens for custom monitoring panels based on ELISA and PCR from feces, blood, tissue samples. Please contact us for more information.

VIRUSES

- African swine hyperthermia virus (ASFV)
- Porcine circovirus 2 (PCV2)
- Porcine Epidemic Diarrhoea virus (PEDV)
- Porcine parvovirus (PPV)
- Porcine reproductive and respiratory syndrome virus (PRRSV)
- Rotavirus
- Swine influenza virus (SIV), all subtypes
- Transmissible gastroenteritis virus (TGEV)

PARASITS

- Ascaris suum
- Isospora suis
- Sarcoptes scabiei
- Trichuris suis

BACTERIA

- Actinobacillus pleuropneumoniae
- Bordetella bronchiseptica
- Brachyspira hyodysenteriae
- Brucella suis
- Campylobacter jejuni, C. coli, C. hyointestinalis and C. mucosalis
- Clostridium perfringens type A enteritis
- Clostridium perfringens type C
- Erysipelothrix rhusiopathiae
- Escherichia coli (F5 (K99), F6 (987P), F41, F4 (K88), AIDA, F18)
- Haemophilus parasuis
- Leptospira sp.
- Methicillin resistant Staphylococcus aureus (MRSA)
- Mycoplasma hyopneumoniae
- Mycoplasma hyorhinis
- Mycoplasma hyosynoviae
- Pasturella multocida (toxin producing)
- Salmonella sp.
- Staphylococcus hyicus
- β-hemolytic streptococci
- Streptococcus suis