



Company	Veterinarian
Mail	Reference
Phone	Farm code
Invoice to	Origin

Category:	Age:	Process:	Sample: <input type="checkbox"/> pool <input type="checkbox"/> individual analysis
<input type="checkbox"/> 04 Swine <input type="checkbox"/> 05 Iberian pigs <input type="checkbox"/> 06 Iberian pigs extensive	<input type="checkbox"/> 02 Rearing/Gilt <input type="checkbox"/> 04 Breeders <input type="checkbox"/> 05 Suckling (days) <input type="checkbox"/> 06 Weaning/Postweaning <input type="checkbox"/> 08 Fattening (week/month/year) <input type="checkbox"/> 09 Replacement <input type="checkbox"/> 11 Adults	<input type="checkbox"/> 01 Abortion <input type="checkbox"/> 02 Joint disease <input type="checkbox"/> 03 Sudden death <input type="checkbox"/> 05 Health control <input type="checkbox"/> 06 Cutaneous <input type="checkbox"/> 07 Growth retardation <input type="checkbox"/> 08 Digestive	<input type="checkbox"/> 09 Infertility <input type="checkbox"/> 11 Nervous disease <input type="checkbox"/> 14 Polyserositis <input type="checkbox"/> 15 Reproductive <input type="checkbox"/> 16 Respiratory <input type="checkbox"/> 17 Septicemia <input type="checkbox"/> 20 Systemic disease
			<input type="checkbox"/> 01 Environmental sample <input type="checkbox"/> 02 Animals <input type="checkbox"/> 03 Foetus (days gestation) <input type="checkbox"/> 04 Oral fluids <input type="checkbox"/> 05 Faeces <input type="checkbox"/> 06 Swabs <input type="checkbox"/> 07 Lavages <input type="checkbox"/> 10 Organs <input type="checkbox"/> 11 Urines <input type="checkbox"/> 13 Scrapings <input type="checkbox"/> 14 Bloods <input type="checkbox"/> 15 Semen <input type="checkbox"/> 16 Sera <input type="checkbox"/> 18 Liquids/Exudates

Medical history

Diagnostic Panels

- Digestive (piglets)** PCR: Escherichia coli - Virulence factors, Clostridium perfringens - Toxins, Enterococcus hirae, Rotavirus A, Rotavirus B, Rotavirus C, PEDV, Transmissible gastro enteritis (TGE), Isospora suis, Clostridioides difficile
- Digestive (postweaning)** PCR: Escherichia coli - Virulence factors, Salmonella sp., Rotavirus A, Rotavirus B, PEDV
- Digestive (fattening and adult animals)**, ; PCR: Lawsonia intracellularis, Brachyspira hyodysenteriae, Brachyspira pilosicoli, Brachyspira intermedia, Salmonella sp., PEDV
- Coprological**, ; PCR: Eimeria sp., Isospora suis, Entamoeba suis, Nematodes, Trichuris suis, Cestodes, Trematodes
- Swine dysentery**, ; Microbiology: Brachyspira insolation; PCR: Brachyspira hyodysenteriae; Microbiology: Brachyspira sp. MIC
- Infertility / Metritis** Microbiology: Bacteria isolation and id., Antimicrobial susceptibility test; PCR: Pathogenic Leptospira, Chlamydiaeae (all species), Brucella sp.
- Reproductive** PCR: PRRS genotype 1 (EU), PRRS genotype 2 (NA), Circovirus type 2, Circovirus type 3, Porcine Parvovirus, Pathogenic Leptospira, Chlamydiaeae (all species), Brucella sp.
- Respiratory** PCR: PRRS genotype 1 (EU), PRRS genotype 2 (NA), Influenza A, Circovirus type 2, Circovirus type 3, Mesomycoplasma hyopneumoniae, Mesomycoplasma hyorhinis, Actinobacillus pleuropneumoniae, Glaesserella parasuis, Streptococcus suis, Pasteurella multocida, Bordetella bronchiseptica, Actinobacillus suis
- Atrophic rhinitis** PCR: Bordetella bronchiseptica, Toxinogenic Pasteurella multocida

- Joint disease** PCR: Mesomycoplasma hyorhinis, Metamycoplasma hyosynoviae, Glaesserella parasuis, Erysipelothrix rhusiopathiae, Actinobacillus pleuropneumoniae, Actinobacillus suis, Streptococcus suis - Serotyping
- Polyserositis** PCR: Mesomycoplasma hyorhinis, Actinobacillus suis, Streptococcus suis - Serotyping, Glaesserella parasuis - Serotyping
- Nervous disease** PCR: F18 , STX2e, Glaesserella parasuis, Streptococcus suis - Serotyping
- Systemic clostridiosis** PCR: Paeniclostridium sordellii, Clostridium septicum, Clostridium chauvoei, Clostridium novyi, Clostridium haemolyticum
- Sudden death** PCR: P. multocida type B, Salmonella sp., Erysipelothrix rhusiopathiae, Paeniclostridium sordellii, Clostridium septicum, Clostridium chauvoei, Clostridium novyi, Clostridium haemolyticum

Sequencing and Typing

- Erysipelothrix rhusiopathiae - Serotyping** PCR: E. rhusiopathiae 1a, E. rhusiopathiae 1b, E. rhusiopathiae 2, E. rhusiopathiae 5
- Salmonellae swine** PCR: Salmonella enteritidis, Salmonella typhimurium, Salmonella choleraesuis
- Streptococcus suis - Serotyping and virulence factors (strains)**, ; PCR: Streptococcus suis, S.suis 1-14, S.suis 2-1/2, S. suis 1-1/2, S. suis 2-14, S.suis 3, S.suis 4, S.suis 5, S.suis 7, S.suis 8, S.suis 9, suilysin (SLY), muramidase-released protein (MRP), extracellular protein factor (EPF)
- Escherichia coli - Virulence factors** PCR: eae gene , F4 , F5, F6 , F41 , F18 , STa , STb , LT , STX2e, AIDA, EAST, Escherichia coli
- Escherichia coli - Septicemic strains** PCR: Escherichia coli, iucD, pap C
- Clostridium perfringens - Toxins** PCR: C. perfringens, Beta, Epsilon, Iota, Enterotoxin, Beta-2

*Note: analysis performed in an external laboratory.



- Streptococcus suis - Serotyping** PCR: Streptococcus suis, S.suis 1-14, S.suis 2-1/2, S. suis 1-1/2, S. suis 2-14, S.suis 3, S.suis 4, S.suis 5, S.suis 7, S.suis 8, S.suis 9
- Leptospira sp. - Typing**
- Pasteurella multocida - Capsular typing** PCR: Pasteurella multocida, P. multocida type A, P. multocida type B, P. multocida type D, P. multocida type E, P. multocida type F
- Actinobacillus pleuropneumoniae - Serotyping** PCR: APP 1, APP 2, APP 3, APP 4, APP 5, APP 6, APP 7, APP 8, APP 1/9/11, APP 10, APP 12, APP 13, APP 14, APP 15, APP 16, APP 17, APP 18, APP 18, Actinobacillus pleuropneumoniae
- Glaesserella parasuis - Serotyping** PCR: GPS 1/2/11, GPS 2, GPS 3, GPS 4, GPS 5/12, GPS 6, GPS 7, GPS 8, GPS 9, GPS 10, GPS 11, GPS 13, GPS 14, Virulent strain GPS, Non virulent GPS, Glaesserella parasuis
- Influenza A - Subtyping** PCR: H1av, H1hu, H1pan, H3, N1, N2, N1pan
- Brachyspira hyodysenteriae - Characterization (MLST)**
- Influenza A - Sequencing (H gene: haemagglutinin)**
- Influenza A - Sequencing (N gene: neuraminidase)**
- Mesomycoplasma hyopneumoniae - Characterization (MLVA)**
- PCV2 - Sequencing (ORF2)**
- PCV3 - Sequencing (capsid)**
- PEDV - Sequencing (Spike-S1)**
- PRRS - Sequencing (ORF5)**
- PRRS - Sequencing (ORF2-7)**
- Rotavirus A - Sequencing (VP7, VP4)**

Microbiology

- Microbiology (up to 5 samples + 2 ATB)** Microbiology: Bacteria isolation and id., Antimicrobial susceptibility test
- Microbiology + MIC (up to 5 samples + 2MIC)** Microbiology: Bacteria isolation and id.; Microbiology: Minimum inhibitory concentration (MIC) - antibiotic profile
- Bacteria isolation and id.**
- Antimicrobial susceptibility test**
- Brachyspira - Isolation (up to 5 samples)** Microbiology: Brachyspira insolation
- Minimum inhibitory concentration (MIC) - antibiotic profile**
- Brachyspira sp. MIC**
- MALDI TOF bcterial identification**

Parasitology

- Coprology**
- Mites identification (scabie)**
- Coccidia Oocyst Count (fecal flotation)**

Real Time PCR

- Actinobacillus pleuropneumoniae**
- Actinobacillus suis**
- Atypical Porcine Pestivirus. Pestivirus K**
- Bordetella bronchiseptica**

- Brachyspira hamptonii**
- Brachyspira hyodysenteriae**
- Brachyspira intermedia**
- Brachyspira pilosicoli**
- Brachyspira sp.**
- Brucella sp.**
- Brucella suis**
- Campylobacter coli**
- Campylobacter sp.**
- Cestodes**
- Chlamydia abortus**
- Chlamydia suis**
- Chlamydiaceae (all species)**
- Circovirus type 2**
- Circovirus type 3**
- Clostridioides difficile**
- Clostridium botulinum**
- C. perfringens**
- Clostridium septicum**
- Cryptosporidium sp.**
- Echinococcus granulosus**
- Eimeria sp.**
- Enterococcus hirae**
- Erysipelothrix rhusiopathiae**
- Escherichia coli**
- Transmissible gastro enteritis (TGE)**
- eae gene**
- Glaesserella parasuis**
- Helicobacter sp**
- Hepatitis E**
- Influenza A**
- Influenza D**
- Isospora suis**
- Lawsonia intracellularis**
- Pathogenic Leptospira**
- Listeria monocytogenes**
- Mesomycoplasma hyopneumoniae**
- Mesomycoplasma hyorhinis**
- Metamycoplasma hyosynoviae**
- Mycoplasma suis**
- Nematodes**
- Porcine Parvovirus**
- Pasteurella multocida**
- Toxinogenic Pasteurella multocida**
- PEDV**
- Poxvirus**
- PRRS** PCR: PRRS (European strains), PRRS (American strains)
- Rhodococcus equi**
- Rotavirus A**
- Rotavirus B**
- Rotavirus C**
- Salmonella choleraesuis**

*Note: analysis performed in an external laboratory.



- Salmonella enteritidis
- Salmonella sp.
- Salmonella typhimurium
- Staphylococcus aureus
- Staphylococcus hyicus
- Streptococcus suis
- Trematodes

Serology

- Actinobacillus pleuropneumoniae
- Aujeszky gE
- Brucella spp. (Rose Bengal test)
- Circovirus type 2 (Biochek)
- Circovirus type 2 (IgG and IgM)
- Circovirus (IgM)
- Circovirus type 2 (Ingenasa)
- Influenza A
- M. hyopneumoniae indirect (IDEXX)
- Erysipelothrix rhusiopathiae
- Mesomycoplasma hyopneumoniae (competition EIA)
- Porcine Parvovirus
- PRRS Ingenasa (European and American strains)
- PRRS IDEXX (American and European strains)
- Toxoplasma gondii
- Reproductive - Serology** Serology: Brucella spp. (Rose Bengal test), PRRS Ingenasa (European and American strains), Porcine Parvovirus, Influenza A, Erysipelothrix rhusiopathiae, Circovirus type 2 (IgG and IgM)
- Respiratory - Serology** Serology: PRRS IDEXX (American and European strains), Influenza A, M. hyopneumoniae indirect (IDEXX), Actinobacillus pleuropneumoniae, Circovirus type 2 (IgG and IgM), Circovirus (IgM)

Toxicology

- Acetylcholinesterase activity*
- Amitraz*
- Antibiotics*
- Bromethalin (Rodenticide)*
- Carbamates (Pesticides)*
- Cyanides*
- Quantification of antibiotics*
- Toxicant-specific quantification (price on request)*
- Determination of anti-inflammatory drugs*
- Determination of a toxic (qualitative)*
- Strychnine*
- Glyphosate (Herbicide) price on request*
- Imidacloprid (Insecticide)*
- Metaldehyde (Pesticide)*
- Heavy metals 1 metal*
- Heavy metals 2 metals*
- Heavy metals 3 metals*
- Heavy metals 4 metals*

*Note: analysis performed in an external laboratory.

- Heavy metals 5 metals*
- Mycotoxins AOF*
- Mycotoxins AOF/DZT*
- Mycotoxins DZT*
- Nitrates*
- Nitrites*
- Organochlorines (Pesticides)*
- Organophosphates (Pesticides)*
- Oxalates*
- Pyrethrins (Insecticides)*
- Pyrethroids or permethrins (Insecticides)*
- Livestock toxic plants*
- Pesticide screening*
- Screening rodenticides*
- Toxic screening*
- Doping substances*
- Triazines (Herbicides)*
- Urea*