



Company	Veterinarian
Mail	Reference
Phone	Farm code
Invoice to	Origin

<b>Category:</b>	<b>Age:</b>	<b>Process:</b>	<b>Sample:</b> <input type="checkbox"/> pool <input type="checkbox"/> individual analysis
<input type="checkbox"/> 08 Milk intensive farming <input type="checkbox"/> 09 Milk extensive farming <input type="checkbox"/> 10 Meat intensive farming <input type="checkbox"/> 11 Meat extensive farming (week/month/year)	<input type="checkbox"/> 02 Rearing/Gilt <input type="checkbox"/> 04 Breeders <input type="checkbox"/> 05 Suckling ( days) <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"/> 08 Digestive <input type="checkbox"/> 09 Infertility	<input type="checkbox"/> 10 Mastitis <input type="checkbox"/> 11 Nervous disease <input type="checkbox"/> 12 Ocular <input type="checkbox"/> 13 Foot disease <input type="checkbox"/> 15 Reproductive <input type="checkbox"/> 16 Respiratory <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"/> 05 Faeces <input type="checkbox"/> 06 Swabs <input type="checkbox"/> 07 Lavages <input type="checkbox"/> 08 Milks
			<input type="checkbox"/> 10 Organs <input type="checkbox"/> 11 Urines <input type="checkbox"/> 12 Placenta <input type="checkbox"/> 13 Scrapings <input type="checkbox"/> 14 Bloods <input type="checkbox"/> 16 Sera <input type="checkbox"/> 18 Liquids/Exudates

## Medical history

### Diagnostic Panels

- Coccidia** PCR: Eimeria arloingi, Eimeria ninakohlyakimovae, Eimeria christenseni, Eimeria sp.
- Digestive (suckling lamb/kid)** PCR: Clostridium perfringens - Toxins, Escherichia coli, F17, eae gene, Rotavirus A, Cryptosporidium parvum, Eimeria sp.
- Abortion** PCR: Coxiella burnetii, Chlamydia abortus, Salmonella sp., Campylobacter sp., Pestivirus, Toxoplasma gondii, Neospora caninum
- Reproductive (bulk milk)** PCR: Coxiella burnetii, Chlamydia abortus, Pestivirus, Toxoplasma gondii
- Respiratory (suckling and fattening animals)** PCR: Mesomycoplasma ovipneumoniae, Bibersteinia trehalosi, Pasteurella multocida - Capsular typing, Mannheimia haemolytica - 1, 2 y 6 serotype identification, Parainfluenza 3
- Respiratory (adult and replacement animals)** PCR: Mesomycoplasma ovipneumoniae, Bibersteinia trehalosi, Pasteurella multocida - Capsular typing, Mannheimia haemolytica - 1, 2 y 6 serotype identification, Parainfluenza 3, Ovine pulmonary Adenocarcinoma, Maedi Visna/CAE
- Joint disease (adults)** PCR: Mycoplasma agalactiae, Mycoplasma mycoides cluster, Mycoplasma putrefaciens, Maedi Visna/CAE
- Joint disease lamb** PCR: Mycoplasma agalactiae, Mycoplasma mycoides cluster, Mycoplasma putrefaciens, Streptococcus dysgalactiae, Erysipelothrix rhusiopathiae
- Ocular disease** PCR: Mycoplasma agalactiae, Mycoplasma mycoides cluster, Mesomycoplasma conjunctivae, Moraxella ovis
- Hemoparasites** PCR: Piroplasmas, Anaplasma sp., Mycoplasma ovis, Babesia ovis, Babesia motasi

- Mastitis 9 + bulk** Microbiology: Bacteria isolation and id., Antimicrobial susceptibility test; PCR: Mycoplasma agalactiae, Mycoplasma mycoides cluster, Mycoplasma putrefaciens, Maedi Visna/CAE, Mycoplasma agalactiae, Mycoplasma mycoides cluster, Mycoplasma putrefaciens, Staphylococcus sp., Staphylococcus aureus, Maedi Visna/CAE
- Systemic clostridiosis** PCR: Paenoclostridium sordellii, Clostridium septicum, Clostridium chauvoei, Clostridium novyi, Clostridium haemolyticum
- Mastitis (bulk milk)** PCR: Mycoplasma agalactiae, Mycoplasma mycoides cluster, Mycoplasma putrefaciens, Staphylococcus sp., Staphylococcus aureus, Maedi Visna/CAE
- Hoof profile** PCR: Dichelobacter nodosus, Dichelobacter nodosus (virulent strains), Fusobacterium necrophorum, Treponema sp., Treponema - Pathogenic phylogroups

### Sequencing and Typing

- Dichelobacter nodosus - Typing** PCR: D. nodosus serogroup A, D. nodosus serogroup B, D. nodosus serogroup C, D. nodosus serogroup D, D. nodosus serogroup E, D. nodosus serogroup F, D. nodosus serogroup G, D. nodosus serogroup H, D. nodosus serogroup I, D. nodosus serogroup M
- Pestivirus - Differentiation** PCR: BVDV1 Pestivirus A, BVDV2 Pestivirus B, Hobi-like Pestivirus H, Border Disease Pestivirus D
- Chlamydia abortus - Differentiation of vaccine strains from field strains** PCR: CAB175 vaccine, CAB283 vaccine, CAB636 vaccine, CAB175 field strain, CAB283 field strain, CAB636 field strain
- Clostridium perfringens - Toxins** PCR: C. perfringens, Beta, Epsilon, Iota, Enterotoxin, Beta-2

\*Note: analysis performed in an external laboratory.



- Treponema - Pathogenic phylogroups** PCR: Treponema pedis, T. phagedenis, Treponema medium
- 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
- Mannheimia haemolytica - 1, 2 y 6 serotype identification** PCR: M. haemolytica 1, M. haemolytica 2, M. haemolytica 6, Mannheimia haemolytica

## 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**
- Minimum inhibitory concentration (MIC) - antibiotic profile**
- MALDI TOF bacterial identification**

## Parasitology

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

## Real Time PCR

- Ovine pulmonary Adenocarcinoma**
- Anaplasma ovis**
- Anaplasma sp.**
- Bibersteinia trehalosi**
- Brucella ovis**
- Brucella sp.**
- Campylobacter coli**
- Campylobacter fetus**
- Campylobacter jejuni**
- Campylobacter sp.**
- Cestodes**
- Chlamydia abortus**
- Chlamydiaceae (all species)**
- Clostridioides difficile**
- Clostridium botulinum**
- C. perfringens**
- Clostridium septicum**
- Corynebacterium pseudotuberculosis**
- Coxiella burnetii**
- Cryptosporidium parvum**
- Dichelobacter nodosus**
- Dichelobacter nodosus (non virulent strains)**
- Dichelobacter nodosus (virulent strains)**
- Contagious ecthyma (Orf)**
- Eimeria arloingi**
- Eimeria christenseni**

\*Note: analysis performed in an external laboratory.

- Eimeria ninakohlyakimovae**
- Eimeria sp.**
- Erysipelothrix rhusiopathiae**
- Escherichia coli**
- Fusobacterium necrophorum**
- eae gene**
- Giardia intestinalis**
- Caprine Herpesvirus 1**
- Histophilus somni**
- Klebsiella pneumoniae**
- Pathogenic Leptospira**
- Listeria monocytogenes**
- Maedi Visna/CAE**
- Mannheimia haemolytica**
- Mesomycoplasma conjunctivae**
- Mesomycoplasma ovipneumoniae**
- Moraxella ovis**
- Mycoplasma mycoides cluster**
- Mycoplasma putrefaciens**
- Mycoplasma agalactiae**
- Nematodes**
- Neospora caninum**
- Parainfluenza 3**
- Paratuberculosis**
- Pasteurella multocida**
- Pestivirus**
- Piroplasmas**
- Pseudomonas aeruginosa**
- Rotavirus A**
- Salmonella abortus ovis**
- Salmonella sp.**
- Schmallenberg**
- Staphylococcus aureus**
- Staphylococcus epidermidis**
- Staphylococcus haemolyticus**
- Streptococcus agalactiae**
- Streptococcus dysgalactiae**
- Streptococcus equi**
- Toxoplasma gondii**
- Trematodes**
- Treponema sp.**
- Enzootic nasal tumor virus**
- Ureaplasma diversum**

## Serology

- Brucella ovis**
- Brucella spp. (Rose Bengal test)**
- BVD p80/Border (IDEXX)**
- Chlamydia (IDEXX)**
- Coxiella burnetii**
- Maedi Visna/CAE**
- Neospora caninum**



- Paratuberculosis (IDEXX)
- Toxoplasma gondii
- Reproductive - Serology Serology: Coxiella burnetii, Chlamydia (IDEXX),  
Brucella spp. (Rose Bengal test), BVD p80/Border (IDEXX),  
Toxoplasma gondii

## **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\*
- 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\*

\*Note: analysis performed in an external laboratory.