



Company	Veterinarian
Mail	Reference
Phone	Farm code
Invoice to	Origin

<b>Category:</b> <input type="checkbox"/> 07 Fighting bulls <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	<b>Age:</b> <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	<b>Process:</b> <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	<b>Sample:</b> <input type="checkbox"/> pool <input type="checkbox"/> individual analysis <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 bovis, Eimeria zuernii, Eimeria alabamensis, Eimeria sp.
- Digestive (calf)** PCR: Rotavirus A, Bovine Coronavirus , Pestivirus, Bovine Torovirus, Norovirus genotype 3, Nebovirus, Clostridium perfringens - Toxins, Salmonella sp., Escherichia coli - Virulence factors, Cryptosporidium parvum, Eimeria sp.
- Abortion** PCR: Pathogenic Leptospira, Coxiella burnetii, Chlamydia abortus, Histophilus somni, IBR, Pestivirus, Neospora caninum
- Infertility** PCR: Campylobacter fetus venerealis, Pathogenic Leptospira, Coxiella burnetii, Chlamydia abortus, Ureaplasma diversum, Mycoplasma bovis, Mycoplasma bovigenitalium, IBR, Pestivirus, Tritrichomonas foetus
- Infertility (artificial insemination)** PCR: Pathogenic Leptospira, Coxiella burnetii, Chlamydia abortus, Pestivirus, IBR, Ureaplasma diversum
- Infertility (natural breeding)** PCR: Campylobacter fetus venerealis, Tritrichomonas foetus
- Metritis** Microbiology: Bacteria isolation and id., Anaerobic culture
- Reproductive (bulk milk)** PCR: Pathogenic Leptospira, Coxiella burnetii, Chlamydia abortus, Pestivirus, IBR
- Respiratory** PCR: Pestivirus, IBR, BRSV , Parainfluenza 3, Bovine Coronavirus , Influenza D, Mycoplasma bovis, Histophilus somni, Pasteurella multocida - Capsular typing, Mannheimia haemolytica - 1, 2 y 6 serotype identification
- Hemoparasites** PCR: Piroplasmas, Babesia bigemina, Babesia bovis, Theileria annulata, Theileria orientalis, Anaplasma sp., Anaplasma marginale, Mycoplasma wenyonii
- Joint disease** PCR: Mycoplasma bovis, Histophilus somni

- Ocular disease** PCR: Moraxella bovis, Moraxella bovoculi, Moraxella ovis, Mycoplasma bovis, Mesomycoplasma bovoculi, Mesomycoplasma conjunctivae, Chlamydiae (all species), IBR
- Mastitis 9 + bulk** Microbiology: Bacteria isolation and id., Antimicrobial susceptibility test; PCR: Mycoplasma bovis, Prototheca sp., Mycoplasma bovis, Staphylococcus aureus, Streptococcus agalactiae, Streptococcus uberis, Prototheca sp.
- Mastitis (bulk milk)** PCR: Mycoplasma bovis, Staphylococcus aureus, Streptococcus agalactiae, Streptococcus uberis, Prototheca sp.
- Systemic clostridiosis** PCR: Paenibacillus sordellii, Clostridium septicum, Clostridium chauvoei, Clostridium novyi, Clostridium haemolyticum
- Hoof profile** PCR: Dichelobacter nodosus, Dichelobacter nodosus (virulent strains), Fusobacterium necrophorum, Treponema sp., Treponema - Pathogenic phylogroups

### Sequencing and Typing

- BVD (Bovela) - Vaccine strain differentiation** PCR: BVDV1 Bovela, BVDV2 Bovela
- Pestivirus - Differentiation** PCR: BVDV1 Pestivirus A, BVDV2 Pestivirus B, Hobi-like Pestivirus H, Border Disease Pestivirus D
- Salmonellae bovine** PCR: Salmonella typhimurium, Salmonella dublin, Salmonella enteritidis, Salmonella infantis
- Escherichia coli - Virulence factors** PCR: F5, F17, F4 , F41 , eae gene , STa , STb , LT , STX1, STX2 , Escherichia coli
- Clostridium perfringens - Toxins** PCR: C. perfringens, Beta, Epsilon, Iota, Enterotoxin, Beta-2
- Treponema - Pathogenic phylogroups** PCR: Treponema pedis, T. phagedenis, Treponema medium

\*Note: analysis performed in an external laboratory.





- Toxoplasma gondii
- Trematodes
- Treponema sp.
- Tritrichomonas foetus
- Ureaplasma diversum

## Serology

- BRSV
- Brucella spp. (Rose Bengal test)
- BVD p80/Border (IDEXX)
- Chlamydia (IDEXX)
- Coxiella burnetii
- IBR gE
- Mycoplasma bovis
- Neospora caninum
- Parainfluenza 3 (IDEXX)
- Paratuberculosis (IDEXX)
- Toxoplasma gondii
- Reproductive - Serology** Serology: Coxiella burnetii, Chlamydia (IDEXX), BVD p80/Border (IDEXX), IBR gE, Neospora caninum
- Respiratory - Serology** Serology: BVD p80/Border (IDEXX), IBR gE, Parainfluenza 3 (IDEXX), BRSV, Mycoplasma bovis

- Pyrethroids or permethrins (Insecticides)\*
- Livestock toxic plants\*
- Pesticide screening\*
- Screening rodenticides\*
- Toxic screening\*
- Doping substances\*
- Triazines (Herbicides)\*
- Urea\*

## 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)\*

\*Note: analysis performed in an external laboratory.