



A local mixed economy firm with a capital investment
of €600,00

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ANALYSES BY PATHOLOGIES

Ruminants Range

Method			Matrix
Anaplasmosis (<i>Anaplasma phagocytophilum</i> and <i>A. marginale</i>) (see abortive or vector-borne pathology packages)			
PCR	Individual		Whole blood
Babesiosis (<i>Babesia</i> spp. / <i>Theileria</i> spp.) (see vector-borne disease packages)			
PCR	Individual		Whole blood
Besnoitiosis (<i>Besnoitia besnoiti</i>)			
© ELISA	Individual		Serum
©	Pool- 10 samples maximum		
PCR	Individual		Whole blood
BHV4 - Bovine herpes virus 4			
ELISA	Antibody - Individual		Serum
Analysis outsourced to an external laboratory			
PCR	Virus - Individual (Preparation and extraction included)		Cervicovaginal swab, aborted fetus, lung
Border Disease			
ELISA	Individual from 1 to 9 samples		Serum
	Individual From 10 samples		
	Pool of 5 samples maximum		
PCR	Individual		Serum
	Individual		Organ

Brucellosis

©		Individual Prophylaxis introduction and control			
©	EAT	Individual Annual Prophylaxis for Ovine and Caprine			
©		Individual Annual Bovine Prophylaxis			
©	ELISA	Individual			
©		Pool of 10 samples maximum			
	Complement fixation	Individual			
Analysis subcontracted to an external laboratory accredited by COFRAC Accreditation No. 1-1198 Scope available on www.cofrac.fr/en					

Serum

Public service missions Rates adopted at the board of directors of 27/06/2024 Maintained at the BD scheduled for October 2024

Brucella ovis Antibody

	ELISA	Individual From 1 to 9 samples			
		Individual From 10 samples			

Serum

BVD - BDV Antibodies (Anti p80/ NS2-3 + Total Antibodies)

©		Individual from 1 to 9 samples			
©	ELISA	Individual From 10 samples			
©		Pool of 10 samples maximum			

Serum

BVD - BDV (Virus)

©	PCR	Individual diagnosis			
©		Re-check following a positive result - with or without DAP			
©	PCR	Inter-herd pool of a maximum of 10 samples with individual re-use of positive pools (purchases, sales, competitions, etc.)			
©		Intra-herd mixing of 10 samples maximum (sanitation, operator request) with individual re-use of positive pools			
	PCR	Individual on organ			Organ, TTA, ENP, milk, fetal spleen
©	PCR	Individual or pool of 25			Ear biopsy
©	ELISA	Individual ELISA E0			Serum

CAEV Antibody

©		Individual From 1 to 9 samples			
©	ELISA	Individual From 10 samples			

Serum

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Campylobacter spp.

	PCR	Individual			Cervicovaginal or preputial swab
	Culture	Individual (Campylobacter fetus venerealis)			Vaginal or preputial mucus, placenta and stomach contents of the runt

Chlamydiaceae and Chlamydia abortus			
ELISA	Chlamydiaceae (Chlamydia spp.)		Serum
PCR	Chlamydiaceae (Chlamydia spp.)		Cervicovaginal swab, aborted fetus, milk
PCR	Chlamydia abortus		Abortion, milk
©	PCR	Chlamydia abortus	Cervicovaginal swab, placental tuft

Bovine Coronavirus (see respiratory or neonatal pathology packages)

Gangrenous coryza (OHV2)			
PCR	Individual		Whole blood

Cryptosporidium parvum (see neonatal pathology packages)

Fluke (Fasciola hepatica)			
ELISA	Individual (Idexx Kit)		Serum
	Pool of up to 10 sera (Idexx Kit)		Serum
	Individual (Svanova Kit)		Serum, milk
	Pool of up to 10 sera (Svanova Kit)		Serum
	Tank Milk (Svanova Kit)		Milk

E. coli (Escherichia coli)			
Culture	E.coli count		Faeces
	E.coli research		
	E.coli Identification		
	E.coli research + identification and serotyping		
	E.coli strain serotyping		Strain

BTV Antibody			
©	ELISA	Individual from 1 to 9 samples	Serum
©		Individual from 10 samples	

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BTV Virus			
	PCR	Individual on organs (Preparation and extraction included)	Organ
©	PCR	Individual - Clinical suspicion	Whole blood
©	PCR	Individual (from 1 to 20 samples)	Whole blood
©		Individual (from 21 to 199 samples)	
©		Individual (from 200 samples)	
©		Pool of 3 samples maximum	
©	PCR	BTV8 Strain Typing - Individual	Whole blood
©		BTV4 Strain Typing - Individual	
©		BTV3 Strain Typing - Individual	
©		BTV4 & BTV 8 Strain Typing - Individual	
©		BTV3, BTV4 & BTV 8 Strain Typing - Individual	

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Q fever (<i>Coxiella burnetii</i>) Antibodies			
	ELISA	Individual	Serum
Q fever (<i>Coxiella burnetii</i>) (see abortive pathology packages)			
©	PCR	Semi-quantitative research	Cervicovaginal swab, placental tuft
	PCR	Semi-quantitative research	Stomach contents, milk
Giardia intestinalis			
	IC	Individual	Faeces
Histophilus somni (see respiratory pathology packages)			
Hypodermosis Antibody (Varro)			
©	ELISA	Individual	Serum
©		Mix - 10 samples maximum	

IBR - BHV-1 Antibody

©		Individual - total antibodies		
©		Individual - anti-gB antibodies		
©	ELISA	Individual anti-gE antibodies		
©		Pool of up to 10 sera - total antibodies		
©		Pool of up to 10 sera - total antibodies Annual prophylaxis		

Serum

IBR - BHV-1 Virus (see respiratory pathology packages)

PCR	Individual			Organs
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Influenza D (see respiratory pathology packages)

Leptospirosis

©	MAT	Individual (S) Antibody Detection		Serum
	PCR	Detection of pathogenic bacteria		Cervicovaginal swab, organs, whole blood, liver, spleen, kidney

Enzootic Bovine Leukosis Antibody

©		Individual Prophylaxis or control		
©	ELISA	Pool of 10 sera maximum Annual prophylaxis		

Serum

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Listeria

	Culture	Listeria search		Organ
		Identification of Listeria		Strain

Epizootic hemorrhagic disease (EHD)

©		Individual (from 1 to 20 samples)		
©	PCR	Individual (from 21 to 199 samples)		
©		Individual (from 200 samples)		

Whole blood

Mannheimia haemolytica (see respiratory pathology packages)

Mycoplasmas

	Culture	Mycoplasma culture detection (small ruminants)		Organ
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Mycoplasma agalactiae

	ELISA	Individual		Serum
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<i>Mycoplasma bovis (see respiratory pathology packages)</i>				
	PCR	Individual on adapted matrix		Swab, lung, milk
	ELISA	Individual		Serum
<i>Mycoplasma wenyonii (see vector-borne pathology packages)</i>				
	PCR	Individual on adapted matrix		Whole blood
<i>Neospora caninum (see abortive pathologies packages)</i>				
	ELISA	Antibody - Individual		Serum
	PCR	Parasite - Individual		Brain
<i>Ostertagia ostertagi</i>				
	ELISA	ODR		Milk
	ELISA	Individual ODR		Serum
<i>Paratuberculosis</i>				
©	PCR	Individual		Faeces
©	ELISA	Antibody - Individual		Serum
<i>Pasteurella multocida (see respiratory pathology packages)</i>				
<i>PI3 (see respiratory pathology packages)</i>				
	ELISA	Antibody - Individual		Serum
<i>RSV (see respiratory pathology packages)</i>				
	ELISA	Antibody - Individual		Serum
<i>Salmonella abortus ovis</i>				
©	Serum agglutination	Salmonella abortus ovis		Serum
<i>SBV Virus</i>				
	RT-PCR	Individual		Organ
		Individual		Whole blood

SBV Antibody			
ELISA	Individual from 1 to 9 samples		Serum
	Individual from 10 samples		

Pregnancy test			
ELISA	Individual from 1 to 9 samples		Serum
	Individual from 10 to 49 samples		
	Individual from 50 samples		

Toxoplasmosis			
ELISA	Antibody - Individual		Serum
PCR	Parasite - Individual		Cervical swab, brain

Trichomoniasis			
Culture and Identification by PCR	Individual (Trichomonos fetus)		Vaginal or preputial mucus, placenta and stomach contents of the runt

Visna Maëdi			
ELISA	Individual From 1 to 9 samples		Serum
	Individual From 10 samples		
	Pool of 5 sera maximum From 1 to 9 pool		
	Pool of 5 sera maximum From 10 pool		

Public service missions
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October 2024

Salmonella			
©	Culture	Mammalian Research	Feces, organ
©		OR	
©		Research in mammals with declared antibiotic therapy (pre-enrichment)	Strain
©		Identification and serotyping in mammals	

ANALYSES BY PATHOLOGIES

Avian Range

Method			Matrix
Salmonella			
©	Culture	Salmonella research in breeding - Laying sector	Environmental sampling
©		Salmonella detection in livestock farming - Meat industry	
	PCR	Salmonella Search	Cloths, Swabs
	Culture	Identification and serotyping according to regulations	Strain
	Culture	Pre-enrichment research in birds	Faeces, Organ

Avian Influenza			
©	PCR	Avian Influenza M gene and H5/H7 genes detection on mixed swabs	Tracheal and/or cloacal
©	PCR	Avian Influenza M gene and H5/H7 genes search on wipes	Cloths

ANALYSES BY PATHOLOGIES

Porcine Range

Method		Matrix
<i>Actinobacillus pleuropneumoniae (APP)</i>		
ELISA	Antibody - Individual	Serum
<i>Brachyspira hyodysenteriae</i>		
PCR	Individual	Faeces
Culture	Individual	
<i>Brucellosis</i>		
© RBT	Individual	Serum
© ELISA	Individual	
© Serum agglutination (SAT)	Individual	Serum
<i>Chlamydia</i>		
ELISA	Individual	Serum
<i>Circovirus type II</i>		
ELISA	Antibody - Individual	Serum
<i>Porcine Respiratory Coronavirus</i>		
ELISA	Antibody - Individual	Serum
<i>Porcine deltacoronavirus (PDCoV)</i>		
PCR	Individual	Faeces
<i>Porcine epidemic diarrhea (PED)</i>		
PCR	Individual	Faeces
ELISA	Antibody - Individual	Serum
<i>Foot-and-mouth disease</i>		
ELISA	Antibody - Individual	Serum
<i>Porcine Scabies</i>		
ELISA	Antibody - Individual	Serum
<i>Transmissible Gastroenteritis</i>		
ELISA	Antibody - Individual	Serum
<i>Lawsonia intracellularis</i>		
PCR	Individual	Faeces
<i>Influenza A (H1N1) 2009</i>		
© PCR	Individual	Nasal swab



ELISA	Antibody - Individual
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Serum

Leptospirosis			
©	MAST	Individual (S) Antibody Detection	Serum
	PCR	Individual	Serum - Urine
Aujeszky's disease			
	PCR	Testing for Aujeszky's Disease virus	Serum
©	ELISA	Individual - Antibody (anti-gB)	
©	ELISA	Individual - Antibody (anti-gE)	
Vesicular Disease			
	ELISA	Antibody - Individual	Serum
Mycoplasma hyopneumoniae			
	PCR	Individual	Nasal or tracheal swab - Bronchoalveolar lavage
	ELISA	Antibody - Individual	Serum
Mycoplasma spp.			
	PCR	Individual	Nasal or tracheal swab - Bronchoalveolar lavage
Parvovirus			
	PCR	Individual	Organs
	ELISA	Antibody - Individual	Serum
Classical Swine Fever			
	PCR	Individual	Organs
©	ELISA	Antibody - Individual	Serum
African Swine Fever			
	ELISA	Antibody - Individual	Serum
Swine Erysipelas (<i>Erysipelothrix rhusiopathiae</i>)			
	ELISA	Antibody - Individual	Serum
Salmonellosis			
	PCR	Individual - Salmonella Typhimurium Test	Organs
	ELISA	Antibody - Individual	Serum
PRRS			
©	PCR	Individual	Serum
©	ELISA	Antibody - Individual	
Pasteurella multocida toxin			
	PCR	Individual	Culture - Nasal swab

Toxoplasmosis		
ELISA	Antibody - Individual	Serum
Trichinella		
ELISA	Antibody - Individual	Serum
Spirochetes Package (<i>Brachyspira hyodysenteriae</i> + <i>Lawsonia intracellularis</i>)		
PCR	Search for <i>Brachyspira hyodysenteriae</i> + <i>Lawsonia intracellularis</i>	Faeces

ABORTION-INDUCING PATHOLOGIES		Matrices
PCR	Search for <i>Coxiella burnetii</i> (semi-quantitative) and <i>Chlamydia abortus</i> Individual - Cattle or small ruminants	Cervical swab, aborted fetus, milk
PCR	Search for <i>Coxiella burnetii</i> (semi-quantitative) and <i>Chlamydia abortus</i> Pool of 3 maximum - Small Ruminants only	
PCR	Package of 2 analyses: Search for <i>Anaplasma phagocytophilum</i> (Ehrlichiosis) and <i>Anaplasma marginale</i> (Anaplasmosis)	Whole blood from the mother
PCR	Package of 2 analyses per matrix: Search for BTV and BVD (4 PCR)	Fetal Spleen and Maternal Whole Blood
PCR + ELISA	Package 6 pathogens: <i>Anaplasma phagocytophilum</i> and <i>marginale</i> PCR / Q fever PCR / <i>Listeria monocytogenes</i> PCR / <i>Salmonella</i> ssp PCR / <i>Nespora caninum</i> serology	Whole blood, swab, serum
PCR + ELISA	7 pathogen package: <i>Anaplasma phagocytophilum</i> and <i>marginale</i> PCR / Q fever PCR / <i>Listeria monocytogenes</i> PCR / <i>Salmonella</i> ssp PCR / <i>Nespora caninum</i> serology / BVD PCR	Whole blood, swab, serum, aborted spleen
PCR + ELISA	Package 8 pathogens: <i>Anaplasma phagocytophilum</i> and <i>marginale</i> PCR / Q Fever PCR / <i>Listeria monocytogenes</i> PCR / <i>Salmonella</i> ssp PCR / <i>Neospora caninum</i> serology / BVD PCR / BTV PCR	Whole blood, swab, serum, aborted spleen
PCR	<i>Salmonella</i> and <i>Listeria</i> Package - Individual	Organ or swab
PCR	<i>Listeria</i> Test - Individual	Organ or swab

NEONATAL PATHOLOGIES		Matrices
PCR	Rotavirus and Coronavirus - Individual	Faeces
PCR - ELISA - Culture	Rotavirus and Coronavirus (PCR) + Cryptosporidia (ELISA) + <i>E.coli</i> typing	
PCR + ELISA + Culture	Rotavirus and Coronavirus (PCR) + Cryptosporidia (ELISA) + <i>E.coli</i> typing + <i>Salmonella</i>	
PCR + ELISA + Culture	Rotavirus and Coronavirus (PCR) + Cryptosporidia (ELISA) + <i>E.coli</i> typing + <i>Salmonella</i> with declared antibiotic therapy (pre-enrichment)	
ELISA	Rotavirus, Coronavirus, <i>E.coli</i> and Cryptosporidia	
Immuno Radial Diffusion (IDR)	Immunoglobulin G1 dosage 1 blood sample or colostrum	Colostrum Serum
	Immunoglobulin G1 assay Pack of 2 to 5 samples (colostrums and/or sera)	
	Immunoglobulin G1 assay Pack of 6 to 10 samples (colostrums and/or sera)	

RESPIRATORY PATHOLOGIES		Matrices
PCR	RSV and PI3 individual analysis	Preferably: Lung, tracheal aspirate or bronchoalveolar lavage fluid. Optionally: Deep nasopharyngeal swab.
	Bovine Coronavirus and Influenza D individual analysis	
	Pasteurella multocida and Mannheimia haemolytica individual analysis	
	Mycoplasma bovis and Histophilus somni individual analysis	
	Package 6 pathogens RSV / PI3 / Pasteurella multocida / Mannheimia haemolytica / Histophilus somni / Mycoplasma bovis	
	Package 8 pathogens RSV / PI3 / Pasteurella multocida / Mannheimia haemolytica / Histophilus somni / Mycoplasma bovis / Bovine Coronavirus / Influenza D	
	Package of 10 pathogens RSV / PI3 / Pasteurella multocida / Mannheimia haemolytica / Histophilus somni / Mycoplasma bovis / Coronavirus / Influenza D / BVD / BHV-1	

VECTOR-BOUND PATHOLOGIES		Matrices
PCR	Anaplasma phagocytophilum and Anaplasma marginale individual analysis	Whole blood
	Babesia spp and Theileria individual analysis	
	Mycoplasma wenyonii individual analysis	
	2 PCR packages of your choice	
	3 PCR package	

CONTROLS

EXPORT PACKAGES (individual analyses)		Matrices
Method		
ELISA	IBR total antibodies and Brucellosis from 50 to 199 samples	Serum
	IBR total antibodies and Brucellosis from 200 samples	
	IBR total antibodies, Brucellosis and Leukosis from 50 to 199 samples	
	IBR total antibodies, Brucellosis and Leukosis from 200 samples	
PCR and ELISA	PCR BTV ELISA IBR total antibodies and Brucellosis from 50 to 199 samples	Serum and Whole Blood
	PCR BTV ELISA IBR total antibodies and Brucellosis from 200 samples	
	PCR BTV ELISA IBR total antibodies, Brucellosis and Leukosis from 50 to 199 samples	
	PCR BTV ELISA IBR total antibodies, Brucellosis and Leukosis from 200 samples	
	PCR BTV and SBV ELISA IBR total antibodies, Brucellosis and Leukosis from 50 to 199 samples	
	PCR BTV and SBV ELISA IBR total antibodies, Brucellosis and Leukosis from 200 samples	

MOVEMENT PACKAGES			
©		BVD PCR in inter-herd pool and Besnoitiose ELISA in individual	Serum
©	PCR and ELISA	PCR BVD in inter-herd pool and ELISA Besnoitiosis - Paratuberculosis individually	
		PCR BVD in inter-herd pool and ELISA Besnoitiosis - Paratuberculosis - Neospora individually	
©	ELISA	Individual IBR - Individual BVD E0 ELISA - Individual Besnoitiosis ELISA	

ANIMAL HEALTH ANALYSES

Matrices

Method

Matrices

AUTOPSY			
	Euthanasia		Animal
	Chicks (package of 5)		Lot of animals
	Poultry		Animal
	Poultry (package of 5)		Lot of animals
	Various birds		Animal
	Livestock <10 kg		Animal
	Livestock animal between 10 kg and 30 kg		Animal
	Livestock animal between 30 kg and 150 kg		Animal
	Pet		Animal
	Wild or unconventional animal < 2 kg		Animal
	Wild or unconventional animal between 2 kg and 30 kg		Animal
	Wild or unconventional animal > 30 kg		Animal
	Parasitic necropsy examination of an organ		
	Skull opening - Depending on size		
	Sample Preparation for Rage Research - By Size		

PARASITOLOGY			Matrices
Conservation - Preparation	Pool of 5 faeces maximum		Faeces
Observation	Quantitative or qualitative coproscopy by zinc sulfate flotation		
	Parasitic examination of organs		Organs
BAERMANN method	Search for lungworm larvae		Faeces
Potash test	Search for external parasites		Skin sample
Observation	Identification of external parasites		
Serology	Individual Serum Pepsinogen Assay		Serum
Serology	Serum Pepsinogen Assay pool of 5 maximum		
Antigenemia or Observation	Cryptosporidia detection by ELISA or parasitological method		Faeces
Observation	Research on hare's lens		Sample

GENERAL BACTERIOLOGY			Matrices
Culture	Search for aerobic-anaerobic bacteria		Sample
Gram staining + biochemical test	Simple identification with Gram staining (staphylococci, enterobacteria, etc.)		Strain
Gram stain + biochemical test	Semi-complex identification with Gram staining (streptococci, corynebacteria, etc.)		
Gram stain + biochemical test	Complex identification with Gram staining (pasteurella)		
Ziehl stain	Acid-fast bacilli research		Organs
	Gram stain		Strain
© ★	Diffusion in gel	Antibiogram 16 antibiotics maximum tested	

MYCOLOGY			Matrices
Direct examination	Dermatophyte fungi research		Skin sample
Culture	Dermatophyte fungi research		
Observation	Identification of Dermatophyte fungi		Skin sample
Culture	Yeast/Mold Testing		Adapted matrix
Observation	Identification of yeasts/molds		

ANAEROBIC BACTERIA			Matrices
Culture	Anaerobic bacteria research		Organ
	Anaerobic bacteria count on intestinal contents		Faeces
Biochemical tests	Identification of anaerobic bacteria		Strain

MOLECULAR BIOLOGY			Matrices
PCR	Microbial agent detection by simplex or multiplex real-time PCR by individual analysis on blood		Blood
	Microbial agent research by simplex or multiplex real-time PCR by individual organ analysis		Organs
	Microbial agent detection by simplex or multiplex PCR using mixed blood analyses		Blood
	Microbial agent research by simplex or multiplex PCR by pool analysis on organs		Organs

PRESERVATION - PREPARATION

Strain conservation on agar medium
Strain storage at -20°C
Strain storage at -80°C
Resumption of serum in the serum bank
Preparation, centrifugation, storage of serum at -20°C
Preparation, separation of blood cells and storage at -80°C
Costs of managing and storing a sample (excluding prophylaxis)
Costs of managing and storing a sample (prophylaxis)
Making a pool of up to 5 sera
Making a pool of up to 10 sera
Making a pool (other than serum)
Preparation-Extraction of samples for bacteriological, virological or PCR research in animal health
Monitoring of abortive brucellosis: Provision of a sampling kit and transport box, preparation and storage of a swab

MISCELLANEOUS EXPENSES

ADMINISTRATIVE FEES

Administrative fees

SENDING SAMPLES

Preparation and sending of a sample or 1 to 10 sera
Preparation of 2 to 5 samples or more than 10 sera
Preparation and sending of a sample to an external laboratory by express delivery
Transport of samples by special carrier approved by ADR 6.2.3

SUPPLY OF EQUIPMENT

Supply of 1 lot of 100 (tubes + needles)
Supply of sterile sample container - small model
Supply of sterile sample container - medium model
Supply of transport box for special samples

SAMPLE COLLECTION

Transport of samples by Agrivalys71 on express request
Regular sample collection - 1 to 5 tubes
Regular sample collection - 6 to 10 tubes
Regular sample collection - more than 10 tubes or other samples

TRAINING - CONSULTING - EXPERTISE

Executive Service Hour
Technician Service Hours
1/2 day Executive service
1/2 day Technician service
Executive Service Day
Technician Service Day
Expert Training Day
Preparation Training

- © Cofrac accredited parameter. Accreditation No. 1-6486 for testing and analysis programs in animal immunoserology (LAB GTA 27), molecular biology in animal health (BIOMOLSA) and animal bacteriology (LAB GTA 36). Scope available at www.cofrac.fr



- * For strains not included in the reference documents, Agrivalys 71 may issue analysis reports without the COFRAC logo and are therefore not presumed to comply with the accreditation reference document.

- S** Without clarification from the client, the serovars will be chosen based on the species and the epidemiological context in France.