

## Test Method List for Veterinary Services

Document Title	Test Name as Appears on Price List	Test Method	Accredited Y / N
<b>Biochemistry</b>			
Biochem Sample Preparation	FIV/FelV, PLI, CRP, Borrelia (Lyme), Angiostrongylus	Immunoassay	N
Immulite 2000XPI Operation	Cortisol, Folate, Insulin, Progesterone, Phenobarbitone, T4, TLI (canine), TSH (canine), Vitamin B12	Immunoassay	Y (except TLI and Insulin)
Imola Clinical Chemistry Analyser Operation	Albumin, ALP, Amylase, AST, Bile Acids, Bilirubin (total), beta-hydroxybutyrate(BOHB), Calcium, Cholesterol, CK, Creatinine, Fructosamine, GGT, GDH, Globulin, Glucose, GSH-Px, Iron, LDH, Lipase, Magnesium, NEFA, Phosphate, TIBC, Urea	Absorbance	Y (except Iron, LDH and TIBC)
	Na, K, Chloride	Indirect ISE	
Measurement of Pepsinogen	Pepsinogen	Absorbance	N
Zinc Sulphate Turbidity Test	ZST	Turbidity	N
Urinary Calculi	Urolith analysis	Colorimetry	N
<b>Haematology</b>			
Blood Parasite Detection	Blood parasites	Microscopy	N
Differential WBC Counts	Differential	Microscopy	Y
Manual Red Blood Cell Count	RBC (non-mammal, camelid, caprine)	Microscopy	N
Packed Cell Volume	PCV (manual)	Microhaematocrit measurement	N

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Processing of Blood Samples on the Horiba ABX Vetplus Haematology Analyser	RBC, WBC, PCV, Platelets	Impedance	Y
	Haemoglobin	Absorbance	
Reticulocyte Examination	Reticulocytes	Microscopy	N
<b>Microbiology</b>			
Antimicrobial Susceptibility Tests for Aerobic Bacteria	Antibiotic sensitivity	Culture	Y
Bacterial Identification using MALDI-TOF MS	Not on price list	Identification	Y
Bacteriological Examination of CNS	Bacterial culture	Culture	Y
Bacteriological Examination of Milks	Bacterial culture	Culture	Y
Bacteriological Examination of Respiratory System	Bacterial culture	Culture	Y
Bacteriological Examination of Wound and Abscess Swabs and/or pus	Urinary tract tests	Culture, chemistry (dipstick) specific gravity, microscopy	Y
Bacteriological Guide for the Identification of Brachyspira hyodysenteriae and other Enteric Spirochaets	Brachyspira culture Brachyspira culture & biochemical ID	Culture	Y
Bacteriological Identification	Bacterial culture	Culture & ID	Y
Blood Culture	Blood culture	Culture	Y
Clostridium Difficile Toxin Detection	Not on price list	Snap test	N
Culture and Identification of Fungi from Deep and Superficial	Not specified could be covered by bacterial culture	Culture	Y

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Detection of and Screening for AmpC and/or Extended B Lactamase Producers (ESBLs)	Not on price list	Culture	N
Detection of Anthrax by Microscopy - Polychrome Methylene Blue Stain	Preparation & examination of smear	Microscopy	Y
Detection of Chlamydia spp. Brucella spp. And Coxiella spp using Microscopy	Preparation & examination of smear	Microscopy	Y
Detection of Mycobacterium spp by Microscopy – ZN Stain	Preparation & examination of smear	Microscopy	Y
Examination of Skin and Hair for Dermatophilus	Dermatophilus	Culture & microscopy	Y
Examination of Skin and Hair for Dermatophytes	Ringworm–Microscopy & culture	Culture & microscopy	Y
Examination of Urine Samples	Bacterial culture	Culture	Y
Gram Stain	Preparation & examination of smear	Microscopy	Y
Indirect FAT for Toxoplasma gondii	Not on price list	Fluorescent antibody test	Y
Isolation and Identification of Bordetella	Bacterial culture	Culture	N
Isolation and identification of Enterotoxigenic E coli	E coli	Culture	Y
Isolation and Identification of Salmonella	Salmonella screen	Culture	Y
Isolation and Identification of Shigella spp	Shigella	Culture	N
Isolation and Presumptive Identification of Mycoplasma bovis	Not on price list	Culture	N
Isolation of Anaerobic Bacteria from Animal species	Bacterial culture	Culture	Y
Laboratory Investigation of Abortion	Post mortem examinations fetuses	Culture & microscopy	Y

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Microbiological Examination of Ear, Mouth, Eye Fluid and Swabs	Bacterial culture	Culture	Y
Microbiological examination of milk	Mastitis	Culture	Y
Microbiological Examination of Necropsy Material and Other Miscellaneous Samples	Bacterial culture	Culture	Y
Occult Blood	Occult blood	Faecal occult blood test	N
Rose Bengal Plate Test	Not on price list	Agglutination test	Y
Screening and Confirmation of MRSA	Meticillin resistant Staphylococcus species	Culture	Y
Selective Culture for Brucella spp.	Bacterial culture	Culture	Y
Selective Culture of Campylobacter spp.	Campylobacter	Culture	Y
Selective Culture of Yersinia spp.	Yersinia	Culture	Y
<b>Molecular Biology</b>			
Border Disease PCR	Border disease virus PCR	PCR	Y
Brachyspira PCR, Digest and Polyacrylamide	Brachyspira PCR	PCR	Y
Bovine Respiratory Panel Multiplex-Tandem PCR Test	Bovine respiratory extended PCR-7 agents (BoHV-1, PI3, RSV, M. bovis, H. somni, P. multocida, M. haemolytica)	PCR	N
BVDV Ear Tissue Real Time PCR Test	BVD PCR ear tissue	PCR	Y
BVDV Real Time RT-PCR	BVD PCR – individual animal validated aged > 6 weeks BVD individual test BVD virus PCR – bulk milk	PCR	Y

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Conventional PCR	APP PCR APP toxin gene profiling PCR Atrophic rhinitis PCR Strep. suis PCR	PCR	Y (except APP toxin gene profiling and Strep. suis PCR)
E. coli Virulence Factor Multiplex PCR	E.coli virulence PCR	PCR	Y
Examination of Enteric samples for Rotavirus by PAGE	Rotavirus PAGE	PAGE	Y
IDGene MAPPCR	Johne's (MAP) PCR	PCR	Y
BactoReal Lawsonia Real-Time PCR	Lawsonia intracellularis PCR	PCR	Y
M. hyo Real Time PCR	Mycoplasma hyopneumoniae PCR	PCR	Y
PCV2 Real Time PCR	Porcine circovirus Type 2	PCR	Y
PRRSV Real Time RT-PCR	PRRS PCR	PCR	Y
SCRAPIE GENOTYPING OF THE 136, 154 AND 171 CODONS BY REAL TIME PCR	Codons 136, 154, 171 (export testing)	PCR	Y
SIV Real Time RT-PCR	Swine influenza PCR	PCR	Y
TGEV, PEDV & SDCV Real Time RT-PCR	PED/TGE virus PCR Porcine Deltacoronavirus PED/TGE + Porcine Deltacoronavirus	PCR	Y
<b>Parasitology</b>			
Bovine Coccidia Speciation	ID of bovine coccidia	Microscopic examination	N
Detection of Cryptosporidium by microscopy – CZN Stain	Cryptosporidia	Cold Ziehl-Neelsen technique	Y

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Detection of Ectoparasites	Skin parasitology	Microscopic examination	N
Detection of Giardia Antigen in Faeces	Giardia	ELISA Snap kit	N
Equine Coproculture	Not found on price list	Larval culture	N
Fluke Egg Detection	Liver Fluke Egg Check	Sedimentation	N
Lungworm Larvae Recovery	Lungworm	Baermann assay	N
Ovine Coccidia Speciation	ID of ovine coccidia	Microscopic examination	N
Total Worm Count (Grouse)	Grouse caecal worm count	Microscopic examination	N
Total Worm Count (Ruminant)	Not found on price list	Microscopic examination	N
Worm Egg Count	Worm egg/coccidial oocyst count	Modified McMaster technique	N
<b>Serology</b>			
Bovine Viral Diarrhoea (BVD Ab) MILK ELISA – Svanovir Kit	BVD antibody – milk	ELISA	Y
ID Vet BVD p80 Ab ELISA	BVD BVD Antibody Borders Disease Antibody	ELISA	Yes for both
Caseous Lymphadenitis ELISA	CLA	ELISA	N
Chlamydophilia abortus ELISA – ID Vet	EAE	ELISA	Y
Clostridium perfringens Toxin ELISA	Clostridial toxin ELISA – per toxin	ELISA	N
BIO-X Fasciola Hepatica (Coproantigen) ELISA – Liver Fluke	Liver fluke coproantigen ELISA	ELISA	N
Detection of Bovine CoronaVirus, RotaVirus type and E.Coli K99 by ELISA	Virus detection: Coronavirus (ELISA) and rotavirus (PAGE/ELISA) K99 Not on price list	ELISA	Y Coronavirus/ Rotavirus

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			N K99
Idexx INFLUENZA A ELISA	Swine Flu A ELISA	ELISA	N
Idexx IBRgB ELISA	IBR, IBR Antibody, IBR(BHV-1 gB)	ELISA	Y
Idexx IBRgE ELISA	IBRgE (Marker) IBR (BHV-1 gE)	ELISA	Y
ID Screen Schmallenberg Virus Indirect ELISA	Schmallenberg virus (SBV)	ELISA	Y serum and milk only
ID Vet Johnes ELISA	Johne's Antibody Johne's (MAP) Johne's	ELISA	Y (sera) N (Milk)
Idexx BVDV Antigen ELISA	BVD ANTIGEN	ELISA	Y
Idexx BVDV Total Ab Indirect ELISA	BVD	ELISA	Y
Idexx Mycoplasma Hyopneumoniae Antibody ELISA Test	M.hyopneumoniae ELISA	ELISA	N
Idexx PRRS ELISA	PRRS ELISA	ELISA	Y
Idexx Salmonella Antibody ELISA	Porcine Salmonella	ELISA	N
IRP (Bovine Respiratory Diseases)	IBR, RSV, PI3	ELISA	Y
ID Vet Johnes ELISA	Johne's Antibody Johne's (MAP) Johne's	ELISA	Y
Leptospira ELISA	Leptospira hardjo L hardjo Antibody Lepto	ELISA	Y

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Linnodee Lepto ELISA	Leptospira hardjo Lepto L hardjo Antibody	ELISA	Y
Idexx Liver Fluke ELISA	Fasciola hepatica (Cattle Sera & Milk) Liver Fluke Antibody (Sheep)	ELISA	N
MV ID Vet ELISA	MV/CAE Maedi visna (MV)	ELISA	Y
Mycoplasma Bovis ID Vet ELISA	M. bovis	ELISA	N
Salmonella Dublin ELISA	Not on price list	ELISA	N
ID Screen Toxoplasmosis Indirect ELISA	toxoplasmosis	ELISA	Y
VMRD Neospora ELISA	N. caninum Neospora	ELISA	Y for serum N for FF