


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-Upon-Thames, TW18 3HR, UK

 <p>2534</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>IDEXX Laboratories Ltd</h3> <p>Issue No: 031 Issue date: 26 September 2018</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>ANIMALS, TISSUES and BIOLOGICAL FLUIDS as specified</p> <p>Serum/Plasma</p> <p>(CSF samples also)</p>	<p><u>Biochemistry Tests</u></p> <p>Albumin Alkaline Phosphatase Alanine Aminotransferase (ALT) Amylase Aspartamine Aminotransferase (AST) B-Hydroxy-butyrate (BHB) Bile Acids Total Bilirubin Calcium Chloride Cholesterol Creatinine Kinase (CPK) Copper Creatinine Fructosamine Gamma GT Glutamate Dehydrogenase (GLDH) Inorganic Phosphate Iron Total Lactate Dehydrogenase (LDH) Lipase Magnesium Potassium Sodium Total Protein Triglycerides Uric Acid Urea</p>	<p>Documented In-House Methods and Manufacturer's instructions for Beckman AU 2700 and AU 5800 Analysers with specific reference to WET-BIO-SOP-453</p>



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ANIMALS, TISSUES and BIOLOGICAL FLUIDS as specified (cont'd)	<u>Biochemistry Tests</u> (cont'd)	Documented In-House Methods and Manufacturer's instructions for Beckman AU 2700 and AU 5800 Analysers (cont'd)
Urine (Serum/Plasma also)	Sodium Potassium Chloride Creatinine Glucose Inorganic phosphate Total protein Uric acid Urea	
Serum	Symmetric dimethylarginine (SDMA) immunoassay	WET-BIO-SOP-453
Serum/Heparin Plasma	Phenobarbital	WET-BIO-SOP 453 using Microgenics CEDIA Phenobarbital II assay
Serum/Plasma	Thyroxine	WET-BIO-SOP-453 using Microgenics T4 Assay
Serum and urine	Protein Separation - Albumin - Alpha 1 globulin - Alpha 2 - Beta globulin Gamma globulin	WET-BIO-SOP-2676 by agarose gel electrophoresis using Helena SAS 3 & 4 analyser
	<u>Endocrinology tests</u>	Documented In-House Standard Operating Procedures (SOPs) and Manufacturers' instructions for Immulite 2000 analyser with specific reference to WET-BIO-SOP-546
Serum and Plasma (Heparin)	Cobalamin Cortisol Folate Progesterone Thyroxine	
Serum	Canine serum TSH Digoxin	



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ANIMAL TISSUES and BIOLOGICAL FLUIDS as specified (cont'd)	<u>Cytology Tests</u>	
Aspirated systemic fluids (urine, pleural, ascetic & miscellaneous aspirates)	Total protein	WET-CYT-SOP-600 using a refractometer
	<u>Haematology Tests</u>	Documented In-House Standard Operating Procedures (SOPs) and Manufacturers instructions for testing as specified to support veterinary diagnoses
Whole blood	Complete blood count (Hct, MCV, Hb, RBC, WBC, Platelets, Reticulocytes)	1) WET- HAE-SOP-91 (ACTS) and WET-HAE-SOP-92 (Open tube) Using Advia 2120
(Equine, canine and feline blood only)	Differential white blood cell count	2) WET-HAE-SOP 2636 using Sysmex XT2000
Whole Blood	Blood film assessment (peripheral)	WET-HAE-SOP-401 using Hema Tek 2000 Slide Stainer WET-HAE-SOP-395 or Beckman slide maker stainer WET-HAE-SOP-3667
(Feline and canine Blood only)	Blood Grouping performance	WET- HAE_SOPs 405 & 406 using Alvedia Lab test kit.
	Buffy Coat Preparation	WET-HAE-SOP-402 using Microhaematocrit centrifuge and WET-HAE-SOP-395 stainer
	Canine/Feline Coombs test	WET-HAE-SOP-411 using VMRD kit
	Haemoglobin	WET-HAE-SOP-396 by colorimetric analysis using Hemocue Spectrophotometer
Whole blood	Haematocrit	WET-HAE-SOP-394 by centrifugation using Microhaematocrit centrifuge



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ANIMAL TISSUES and BIOLOGICAL FLUIDS as specified (cont'd)	<u>Haematology Tests</u> (cont'd)	Documented In-House Standard Operating Procedures (SOPs) and Manufacturer's instructions for testing as specified to support veterinary diagnoses (cont'd)
Whole blood	Manual Reticulocyte Count	WET-HAE-SOP-398 by Supravital staining and Microscopy
	Cross matching	WET-HAE-SOP-407 by haemagglutination and microscopy
	<u>Immunoserology Tests</u>	
Serum	Antinuclear Antibody	WET-HAE-SOP-409 by indirect immunofluorescence
	Canine Pancreatic Lipase (CPLI)	WET-HAE-SOP-3716 by ELISA (IDEXX)
	Canine Anti-thyroglobulin antibodies (TGAA)	WET-HAE-SOP-2139 by ELISA
Plasma (EDTA)	Canine NT pro-BNP	WET-HAE-SOP-3463 by Canine Cardiopet Plus ELISA (IDEXX)
	Feline NT pro-BNP	WET-HAE-SOP-3450 by Feline Cardiopet Plus ELISA (IDEXX)
Plasma (Citrated)	Fibrinogen	WET-HAE-SOP-3336
	Prothrombin time	WET-HAE-SOP 3336
	Partial Thromboplastin Time	WET-HAE-SOP-3336
Serum and heparinised plasma	Bovine Viral Diarrhoea Virus (BVDV) Antibody	WET-HAE-SOP- 3492 by IDEXX ELISA
	Bovine Viral Diarrhoea Virus (BVDV) Antigen	WET-HAE-SOP-3493 by IDEXX ELISA
Serum	Rheumatoid Antibodies (canine)	WET-HAE-SOP-410 by latex agglutination
	Heartworm, Lyme's and Ehrlicia	WET-HAE-SOP-3535 by IDEXX SNAP 4DX Kit



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ANIMALS, TISSUES and BIOLOGICAL FLUIDS as specified (cont'd)	<u>Immunoserology Tests</u> (cont'd)	Documented In-House Standard Operating Procedures (SOPs) and Manufacturer's instructions for testing as specified to support veterinary diagnoses (cont'd)
Serum	FIV antibody detection	WET-HAE-SOP-418 by IDEXX ELISA
	FIV antibody detection	WET-HAE-SOP-419 by Western Blot using IDEXX FIV kit
	FelV Antigen detection	WET-HAE-SOP-417 using IDEXX Feline Virus ELISA
	<u>Microbiology Tests</u>	
Bacterial Colonies from solid media	Identification based upon bacterial protein profile matching against a defined database.	WET-MIC-SOP-3394 using the Bruker MALDI-TOF MS system
	Microbial identification and antimicrobial susceptibility	WET-MIC-SOP 2879 & 2880 using VITEK 2XL
Blood Cultures Fluids/Aspirates	General isolation and characterisation of micro-organisms of veterinary clinical significance	WET-MIC-SOP-675 WET-MIC-SOP-676 by enrichment
Swabs from eyes, nasal and throat, ears, skin, abscess/cyst, anal gland, interdigital cyst	General isolation and characterisation of micro-organisms of veterinary clinical significance	WET-MIC-SOP 2875 and WET-MIC-SOP 664 as appropriate to the sample type with identification according to SOP 713
Equine Genital Tract Samples	Examination for the presence of <i>Taylorella equigenitalis</i> , <i>Klebisella pneumoniae</i> and <i>Pseudomonas aeruginosa</i>	WET-MIC-SOP-674 as screening for CEMO under the Code of Practice of the Horse Race Betting Levy Board
Skin, hair and skin swabs	General isolation and characterisation of fungi and yeasts of veterinary clinical significance	WET-MIC-SOP-2875, Microscopy WET-MIC-SOP-4397, Dermatophytes WET-MIC-SOP-4405, Non-dermatophytes WET-MIC-SOP-4406, Skin, hair, nails WET-MIC-SOP-4407 As appropriate to the sample type



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ANIMAL SWABS, TISSUES and BIOLOGICAL FLUIDS, as specified (cont'd)	<u>Microbiology Tests (cont'd)</u>	Documented In-House Standard Operating Procedures (SOPs)
Urine	Chemistry - pH, Protein, Glucose, Ketones, , Bilirubin, Blood/ Haemoglobin	WET-MIC-SOP-4176 Using Roche - Combur 10 strip test (Chemistry)
	Examination for white blood cells & red blood cells	WET-MIC-SOP-4181 by microscopy
	General isolation and characterisation of micro- organisms of veterinary clinical significance	WET-MIC-SOP-4221
	Specific gravity	WET-MIC-SOP-4179 by refractometer
Faeces	Examination for presence of <i>Salmonella</i> spp	WET-MIC-SOP-650 by selective enrichment (Rappaports V broth) using manual or automated (WASP) broth subculturing and selective plating (Brilliant Green Agar)
	Examination for presence of <i>Campylobacter</i> spp	WET-MIC-SOP-650 by direct plating
	<u>Parasitology Tests</u>	
Faeces	Examination for the presence of parasites of veterinary clinical significance	WET-MIC-SOP-4305 and WET- MIC-SOP-4337 using direct microscopy and zinc sulphate centrifugation
Faeces	Detection of Lungworm	WET-MIC-SOP-4294 by the Baermann test
	Worm egg count	WET-MIC-SOP-4324 using improved modified McMasters technique



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<p>ANIMAL TISSUES and BIOLOGICAL FLUIDS, as specified</p> <p>Fresh tissues and Paraffin wax blocks of processed tissue</p>	<p><u>Histology Tests</u></p> <p>Histochemical staining</p> <p>Identification of basophilic and eosinophilic structures</p> <ul style="list-style-type: none"> - Presence of Gram positive, negative bacteria - Presence of Acid Alcohol Fast Bacteria <p>Identification of structures and cell morphologies through the detection of</p> <ul style="list-style-type: none"> - reticulin or reticulin fibres - heparin granules - ferric iron - carbohydrates - basement membranes, - connective tissue - copper - fungal elements - protozoa 	<p>In House documented methods for staining and reading, all supported by SOPs for cutting up, processing embedding dehydration, clearing and mounting</p> <p>WET-HIS-SOP-205 & 49 Haematoxylin and Eosin ('H & E') stains, Toluidine, Periodic Acid Schiff, Tissue Giemsa</p> <p>Staining processes to include as relevant:</p> <p>Gram Stain</p> <p>Ziehl Neelson</p> <p>Gordon and Sweet's Toluidine Blue Perls Prussian Blue Trichrome stains Melanin Bleach Congo Red Rubeanic Acid Periodic Acid Schiff Tissue Giemsa</p> <p>All the above incorporating the following SOPs:</p> <ul style="list-style-type: none"> - WET-HIS-SOP-4373 - WET-HIS-SOP-206 - WET-HIS-SOP-207 - WET-HIS-SOP-208 - WET-HIS-SOP-209 - WET-HIS-SOP-210 - WET-HIS-SOP-211 - WET-HIS-SOP-213 - WET-HIS-SOP-215 - WET-HIS-SOP-216 - WET-HIS-SOP-236



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Anatomical Pathology - results of histology staining as included within the schedule of accreditation	<u>Opinions and interpretations</u> Interpretation of histology and Immunohistochemistry staining including diagnosis for the purposes of disease identification in companion animals	Documented in house procedures
END		