Schedule of Accreditation

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Accredited to ISO/IEC 17025:2017

IDEXX Laboratories Ltd

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL BIOLOGICAL FLUIDS as specified	<u>Biochemistry Tests</u>	Documented In-House Methods and Manufacturer's instructions for Beckman AU 5800 series and AU5822 Analysers with specific reference to WET-BIO-SOP-453
Serum/Plasma	Albumin Alkaline Phosphatase Alanine Aminotransferase (ALT) Amylase Aspartamine Aminotransferase (AST) B-Hydroxy-butyrate (BHB) Bile Acids Total Bilirubin Calcium Chloride Cholesterol	
(CSF samples also)	Creatinine Kinase (CPK) Copper Creatinine Fructosamine Gamma GT Glucose Glutamate Dehydrogenase (GLDH) Inorganic Phosphate Iron Total Lactate Dehydrogenase (LDH)	
(Canine, Feline, Serum / Plasma)	Lipase Magnesium Potassium Sodium Total Protein Triglycerides Uric Acid Urea	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMALS BIOLOGICAL FLUIDS as specified (cont'd)	Biochemistry Tests (cont'd)	Documented In-House Methods and Manufacturer's instructions for Beckman AU 5800 series and AU5822 Analysers with specific reference to WET-BIO-SOP-453
Urine	Sodium Potassium Chloride Creatinine Total protein	
Serum	Symmetric dimethylarginine (SDMA) immunoassay	
Serum/Heparin Plasma	Phenobarbital	Microgenics CEDIA Phenobarbital II assay
Serum/Plasma	Thyroxine	Microgenics T4 Assay
Canine, Feline, Equine Serum	Protein Separation - Albumin - Alpha 1 globulin - Alpha 2 globulin - Beta 1 globulin - Beta 2 globulin - Gamma globulin	WET-BIO-SOP-8493 by capillary electrophoresis using Sebia Minicap flex piercing system

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMALS BIOLOGICAL FLUIDS as specified (cont'd)	Biochemistry Tests (cont'd)	Documented In-House Methods and Manufacturer's instructions for Beckman AU 5800 series and AU5822 Analysers with specific reference to WET-BIO-SOP-453
Urine	Chemistry - pH, Protein, Glucose, Ketones, Bilirubin, Blood/ Haemoglobin	WET-MIC-SOP-8526 using Siemens Multistix 10SG dipstick
	Chemistry - pH, Protein, Glucose, Ketones, Bilirubin, Blood/ Haemoglobin, Specific Gravity, Colour, Clarity	WET-MIC-SOP-8006 CLINITEK Novus automated urine chemistry analyser
	Examination for white blood cells, red blood cells, deposits and crystals	WET-MIC-SOP-4181 by microscopy
	Specific gravity	WET-MIC-SOP-4179 by refractometer
	Endocrinology Tests	Documented In-House Standard Operating Procedures (SOPs) and Manufacturers' instructions for Immulite 2000 XPI analysers with specific reference to WET-BIO-SOP-546
Serum and Plasma (Heparin)	Cobalamin Cortisol Folate Progesterone Thyroxine	
Serum	Canine serum TSH Canine TLI Digoxin	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL BIOLOGICAL FLUIDS as specified (cont'd)	<u>Cytology Tests</u>	Documented In-House Methods
Aspirated systemic fluids (urine, pleural, ascetic & miscellaneous aspirates)	Total protein	WET-CYT-SOP-8508 using a refractometer
	<u>Haematology Tests</u>	Documented In-House Standard Operating Procedures (SOPs) and Manufacturer's instructions for testing as specified to support veterinary diagnoses
Whole blood (Equine, canine and feline blood)	Complete blood count	WET-HAE-SOP 5768 using Sysmex Xn-V
	Red Blood Cell count (RBC) Haemoglobin (Hb) Haematocrit (Hct) MCV (Mean Cell Volume) MCH (Mean corpuscular haemoglobin) MCHC (Mean corpuscular haemoglobin concentration) White Blood Cell count (WBC) Differential White Cell count Platelets	
(Canine and Feline blood only)	Reticulocytes	
(Canine and Feline blood only)	Reticulocyte Haemoglobin	
Whole blood	Differential white blood cell count	WET-HAE-SOP-401 using Sysmex SP-50 stainer WET-HAE-SOP-8429 and UK-HAE-SOP-5321 Use of Philips Digital Scanner for Blood Film Microscopy
Whole Blood	Blood film assessment (peripheral)	WET-HAE-SOP-399 using Sysmex SP-50 stainer WET-HAE-SOP-8429 and UK-HAE-SOP-5321 Use of Philips Digital Scanner for Blood Film Microscopy

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL BIOLOGICAL FLUIDS as specified (cont'd)	Haematology Tests (cont'd)	Documented In-House Standard Operating Procedures (SOPs) and Manufacturer's instructions for testing as specified to support veterinary diagnoses
(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)	Canine Coombs test	WET-HAE-SOP-5429 using the Alvedia Gel Test – Canine Direct Anti-Globulin Test kit (Coombs Test)
(Feline)	Feline Coombs test	WET-HAE-SOP-5429 using the Alvedia Gel Test – Feline Direct Anti-Globulin Test kit (Coombs Test)
	Haemoglobin	WET-HAE-SOP-396 by colorimetric analysis using Hemocue Spectrophotometer
Whole blood	Haematocrit	WET-HAE-SOP-394 by centrifugation using Microhaematocrit centrifuge
Whole blood	Manual Reticulocyte Count	WET-HAE-SOP-398 by Supravital staining and Microscopy
	Cross matching	WET-HAE-SOP-407 by haemagglutination and microscopy

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL BIOLOGICAL FLUIDS as specified (cont'd)	Immunoserology Tests	Documented In-House Standard Operating Procedures (SOPs) and Manufacturer's instructions
Canine Serum	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) using full automation (Tecan Freedom EVO WET-HAE-SOP-5153), automation of sample dilutions or manual method
	Feline NT pro-BNP	WET-HAE-SOP-3450 by Feline Cardiopet Plus ELISA (IDEXX)
Plasma (Citrated) (Canine only)	Fibrinogen Prothrombin time Partial Thromboplastin Time D-Dimer	1) WET-HAE-SOP-6057 Coagulation using the Stago Compact Max Analyser
Plasma (Citrated)	Fibrinogen Prothrombin time Partial Thromboplastin Time	2) WET-HAE-SOP-6518 Coagulation using the Stago Start Max Analyser
Serum	Heartworm, Lyme's and Ehrlica	WET-HAE-SOP-3535 by IDEXX SNAP 4DX Kit
	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL SWABS, TISSUES and BIOLOGICAL FLUIDS, as specified	<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 & 4388 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 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-8522, WET-MIC-SOP 2875 and WET-MIC-SOP 664 / WET-MIC-SOP-3836 (Aural samples) as appropriate to the sample type with identification according to SOP 713. Plating out using manual or automated (WASP)
Eye swabs		WET-MIC-SOP-4191
Equine Genital Tract Samples	Examination for the presence of *Taylorella equigenitalis*, *Klebisella pneumoniae* and *Pseudomonas aeruginosa*	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. Plating out using manual or automated (WASP)
Urine	General isolation and characterisation of micro-organisms of veterinary clinical significance	WET-MIC-SOP-4221. Plating out using manual or automated (WASP)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL SWABS, TISSUES and BIOLOGICAL FLUIDS, as specified (cont'd)	Microbiology Tests (cont'd)	Documented In-House Standard Operating Procedures (SOPs)
Faeces	Examination for presence of *Salmonella* 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 *Campylobacter* spp	WET-MIC-SOP-4500 by direct plating
ANIMAL TISSUES and BIOLOGICAL FLUIDS, as specified	Parasitology Tests	Documented In-House Standard Operating Procedures (SOPs)
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 modfied McMasters technique

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL TISSUES, as specified	<u>Histology Tests</u>	
	Histochemical staining	In House documented methods for staining and reading, all supported by SOPs for cutting up, processing embedding dehydration, clearing and mounting
Fresh tissues and Paraffin wax blocks of processed tissue	Identification of basophilic and eosinophilic structures	WET–HIS-SOP-205 & 49 Haematoxylin and Eosin ('H & E') stains, Toluidine, Periodic Acid Schiff, Tissue Giemsa
		Staining processes to include as relevant:
	- Presence of Gram positive, negative bacteria	Gram Stain
	- Presence of Acid Alcohol Fast Bacteria	Ziehl Neelson
	Identification of structures and cell morphologies through the detection of	
	- reticulin or reticulin fibres - heparin granules - ferric iron - carbohydrates - basement membranes, - connective tissue - copper - fungal elements - protozoa	Gordon and Sweet's Toluidine Blue Perls Prussian Blue Trichrome stains Melanin Bleach Congo Red Rubeanic Acid Periodic Acid Schiff Tissue Giemsa All the above incorporating the following SOPs: - 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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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		