IDEXX Quality Management System

UKAS accredited testing laboratory number 2534

2534

Fully approved as a training laboratory by the European College for Veterinary Clinical Pathology (ECVCP)

IDEXX Laboratories are committed to providing a quality service and as part of this commitment are proud to have been accredited to BS EN ISO/IEC 17025:2017; General Requirements for the Competence of Testing and Calibration Laboratories at our Wetherby Laboratory since 2004. We continually aim to improve the schedule of accreditation, which includes Biochemistry, Endocrinology, Haematology, Immunology, Microbiology, Histology and Anatomic Pathology For further details please see: **www.ukas.com**

A detailed list of accredited tests with associated methods and Standard Operating Procedures is available on our website **www.idexx.co.uk/detailsoftesting**, the schedule for accreditation can be found on the UKAS website **www.ukas.com** and details of referred testing can be found at **idexx.co.uk**

What is UKAS?

The United Kingdom Accreditation Service (UKAS) is the sole national accreditation body for the United Kingdom. UKAS is recognised by government, to assess against internationally agreed standards, organisations that provide certification, testing, inspection and calibration services. Accreditation by UKAS demonstrates the competence, impartiality and performance capability of these evaluators. In short, UKAS 'checks the checkers'. UKAS accreditation provides an assurance of the competence, impartiality and integrity of accredited organisations.

What are the benefits of accreditation?

Accreditation is the formal recognition that an organisation is competent to perform specific processes, activities, or tasks (which are detailed in the schedule of accreditation) in a reliable credible and accurate manner. The provision of accreditation must:

- be objective, transparent and effective;
- use highly professional competent assessors and technical experts in all relevant fields;
- use assessors (and subcontractors) that are reliable, ethical and competent in both accreditation processes and the relevant technical fields.

Accreditation delivers confidence in test reports

It underpins the quality of results by ensuring their traceability, comparability and validity. It is a means of assessing, in the public interest, the technical competence and integrity of organisations offering testing services.

- Selecting an accredited organisation is an essential tool for decision-making and risk management.
- Organisations can save time and money by selecting an accredited and therefore competent supplier.

- Reliable measurements, tests and inspections are carried out in compliance with best practices to limit product failure and reduce down time and control manufacturing costs.
- Accreditation to internationally-recognised standards can provide a competitive advantage and facilitate access to export markets within the EU and beyond. (see international system)
- Using an accredited body to carry out an independent evaluation helps demonstrate due diligence in the event of legal action.

What does this mean for your practice?

Pathology services play a crucial role in ensuring accurate diagnosis and effective treatment and monitoring for patients, and by using an accredited laboratory you can be assured of receiving technically validated results. This is maintained by:

- Validated testing methods, using suitable reagents, and equipment which is regularly calibrated, checked and maintained to a high standard.
- Controlled Standard Operating Procedures (SOPs) for all test methods.
- Extensive quality control and quality assurance programmes including inter-laboratory comparisons.
- Appropriately qualified and trained staff, including technicians, veterinary pathologists, customer support and administration personnel.
- Full investigation into any problems that come to light, with appropriate corrective action taken to prevent reoccurrence and improve the way that we work.

IDEXX Laboratories strive to offer the highest level of service to you our customer, your clients and their pets. In situations where the service offered may fall short of your expectations, please visit **www.idexx.co.uk/complaint** for details of how to raise a complaint.

Gaynor Howe
Quality Manager

IDEXX Laboratories Wetherby

2534

Grange House, Sandbeck Way, Wetherby,
West Yorkshire, LS22 7DN
Accredited to ISO/IEC 17025:2017
by United Kingdom Accreditation Service
Accredited Test List
See **www.ukas.com** for schedule of accreditation and
idexx.co.uk for details of accredited and referred testing

Haematology

Materials / Products Tested	Type of test / Properties measured / Range of measurement	Test result description as detailed on the IDEXX Laboratories Wetherby test report
ANIMAL TISSUES and BIOLOGICAL FLUIDS as specified		
Whole blood	Complete blood count:	
	Hct MCV	Hct MCV MCH MCHC
	Haemoglobin	Haemoglobin
	Red Cell Count	Red Cells
	White Cell count	White Cells
	Platelets	Platelet Count
	Reticulocytes	Absolute Reticulocyte Count
	Reticulocyte Haemoglobin	Reticulocyte haemoglobin
	Differential white blood cell count – (Canine, Feline & Equine only)	Neutrophils (Absolute) Neutrophils (%) Lymphocytes (Absolute) Lymphocytes (%) Monocytes (Absolute) Monocytes (%) Eosinophils (Absolute) Eosinophils (%) Plus any other cell line identified
	Blood film assessment (peripheral)	Morphological Assessment
	Buffy Coat Preparation:	Buffy Coat Preparation:
	Canine Coombs Test	Canine Coombs Test
	Feline Coombs Test	Feline Coombs Test
	Canine Blood Grouping performance	Canine Blood Type DEA 1.1
	Feline Blood Grouping performance	Feline Blood Type
	Haematocrit	Hct
Whole Blood and Serum	Cross Matching	Compatibility Result

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Haematology

Materials / Products Tested	Type of test / Properties measured / Range of measurement	Test result description as detailed on the IDEXX Laboratories Wetherby test report
ANIMAL TISSUES and BIOLOGICAL FLUIDS as specified - SWABS		
Serum	Canine Pancreatic Lipase (CPLI)	Canine Spec cPL®
	Canine Anti-thyroglobulin antibodies (TGAA)	Anti-thyroglobulin antibodies
EDTA plasma	Canine Pro-BNP	Nt-proBNP
	Feline Pro-BNP	Nt-proBNP
Plasma (Citrated)	Fibrinogen	Fibrinogen (Citrate)
	Prothrombin Time	Prothrombin Time
	Partial Thromboplastin Time	Partial Thromboplastin Time
Serum	Heartworm, Lyme and Ehrlica	Canine Lyme Test, Heartworm Antigen, *Ehrlichia canis*/ewingi Antibody
	FIV antibody detection	FIV Antibody Test
	FIV antibody detection	FIV Western Blot
	FeLV Antigen detection	Feline Leukaemia Virus

Biochemistry

Materials / Products Tested	Type of test / Properties measured / Range of measurement	Test result description as detailed on the IDEXX Laboratories Wetherby test report
ANIMAL TISSUES and BIOLOGICAL FLUIDS as specified		
Serum / Plasma	Albumin	Albumin
	Alkaline Phosphatase	Alk. Phosphatase 37°C
	Alanine Aminotransferase (ALT)	ALT (SGPT) 37°C
	Amylase	Amylase 37°C
	Aspartamine Aminotransferase (AST)	AST (SGOT) 37°C
	B-Hydroxy-butyrate (BHB)	Beta Hydroxy-butyrate
	Bile Acids	Bile Acids (fasting) Bile Acids (post fatty meal)
	Calcium	Calcium
	Cholesterol	Cholesterol
	Creatinine Kinase (CPK) (CSF samples also)	CK (CPK) 37°C
	Copper	Copper
	Creatinine	Creatinine
	Total Bilirubin	Total Bilirubin
	Fructoasmine	Fructosamine
	Gamma GT	Gamma GT 37°C
	Glucose	Glucose
	Glutamate Dehydrogenase (GLDH)	GLDH 37°C
	Inorganic Phosphate	Inorganic phosphorus
	Iron	Iron
	Total Lactate Dehydrogenase (LDH)	LDH 37°C
	DGGR Lipase	Lipase 37°C
	Magnesium	Magnesium
	IDEXX SDMA®	SDMA
	Total Protein	Total Protein
	Chloride, Sodium, Potassium	Chloride, Sodium, Potassium
	Triglycerides	Triglycerides
	Uric Acid	Uric Acid
	Urea	Urea
Urine	Sodium	Urine Sodium
	Potassium	Urine Potassium
	Chloride	Urine Chloride
	Creatinine	Urine Creatinine
	Total Protein	Urine Total Protein
Serum & Urine	Protein Separation - Albumin - Alpha 1 globulin - Alpha 2 - Beta Globulin - Gamma globulin	Total Protein SPE Albumin SPE Globulin SPE AG ratio SPE Fractions: Albumin Alpha 1 globulin Alpha 2 Beta Globulin Gamma globulin

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Endocrinology

Materials / Products Tested	Type of test / Properties measured / Range of measurement	Test result description as detailed on the IDEXX Laboratories Wetherby test report
Serum & Plasma (Heparin)	Cobalamin	Cobalamin Cobalamin (feline)
	Cortisol	Cortisol (Basal) Cortisol 60 mins post ACTH Cortisol 90 mins post ACTH Cortisol post 15 – 19 hrs Cortisol post ACTH Cortisol post ACTH (Vetoryl) Cortisol post ACTH (Vetoryl) Cortisol post DEX (24hrs) Cortisol post DEX (3hr) Cortisol post dose (4hr) Cortisol post dose (6hr) Cortisol post dose (8hr) Cortisol post high dose (4hr) Cortisol post high dose (8hr) Cortisol post low dose (4hr) Cortisol post low dose (8hr) Cortisol post TRH (15min) Cortisol post TRH (30min) Cortisol post TRH (60min) CORTISOL POST TRILOSTANE Cortisol pre ACTH Cortisol pre ACTH (Vetoryl) CORTISOL PRE TRILOSTANE
	Folate	Folate
Serum	Progesterone	Progesterone
	Canine serum TSH	Canine serum TSH
	Digoxin	Digoxin
	Canine TLI	TLI (Canine)
Serum / Heparin Plasma	Phenobarbital	Phenobarbital
Serum / Plasma	Thyroxine	Thyroxine (Microgenics) Thyroxine
Aspirated systemic fluids, urine, pleural, ascitic & miscellaneous aspirates	Cytology:	
	Total Protein	Fluid Protein (g/L)

Microbiology All analysis performed at the Wetherby Laboratory

Materials / Products Tested	**Type of test / Properties measured / Range of measurement**	**Test result description as detailed on the IDEXX Laboratories Wetherby test report**
ANIMAL TISSUES and BIOLOGICAL FLUIDS as specified		
Diagnostic samples from all anatomical sites	General isolation and characterisation of micro-organisms of veterinary clinical significance	Aerobic Culture Anaerobic Culture Selective Yeast Culture Extended culture results
Bacterial colonies from solid media	Identification based upon bacterial protein profile matching against a defined database	Organism identified by MALDI-TOF
Equine Genital Tract Samples	Examination for the presence of *Taylorella equigenitalis*, Klebsiella pneumonia and *Pseudomonas aeruginosa*	CEM Culture
Blood Cultures Fluids / Aspirates	General isolation and characterisation of micro-organisms of veterinary clinical significance	Blood Culture Anaerobic Blood Culture Fluid Aerobic Culture Fluid Anaerobic Culture Synovial Fluid Culture Anaerobic Synovial Culture Synovial Fluid Culture (culture bottle)
Aerobic and Microaerobic Organisms Isolated from Disease Situations	Microbial identification and antimicrobial susceptibility	Microbiology Sensitivity MIC Testing
Skin and hair swabs	General isolation and characterisation of fungi and yeasts of veterinary clinicalxsignificance	Skin Swab / Hair Culture Fungal Culture Dermatophyte culture Non-dermatophyte Fungal Culture Microscopic - Skin Skin Bacterial Culture Yeast culture
Urine	Chemistry – pH, Protein, Glucose, Ketones, Bilirubin, Blood / Haemoglobin	Protein Glucose Ketones, Bilirubin, Blood / haemoglobin, pH Colour Appearance
	Examination	Red cells White cells Epithelial Cells Casts Crystals
	General isolation and characterisation of micro-organisms of veterinary clinical significance	Urine Culture
	Specific Gravity	Urine Specific Gravity
Faeces	Examination for presence of *Salmonella* spp	*Salmonella* *Salmonella* antisera
	Examination for presence of *Campylobacter* spp.	*Campylobacter* Culture

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Parasitology All analysis performed at the Wetherby Laboratory

Materials / Products Tested	Type of test / Properties measured / Range of measurement	Test result description as detailed on the IDEXX Laboratories Wetherby test report
Faeces	Examination for the presence of parasites of veterinary clinical significance	Parasites Microscopic - Faecal
	Detection of Lungworm	Baermann's test for lungworm
	Worm egg count	Worm egg count (WEC)

Histology All analysis performed at the Wetherby Laboratory

Materials / Products Tested	Type of test / Properties measured / Range of measurement	Test result description as detailed on the IDEXX Laboratories Wetherby test report
	Histochemical Staining	
Fresh tissues and Paraffin wax blocks of processed tissue	Identification of basophilic and eosinophilic structures	Histopathology – Pathologist Report
	- Presence of Gram positive negative bacteria	
	- Presence of Acid Alcohol Fast Bacteria	
	- Identification of structures and cell morphologies through the detection of reticulin and reticulin fibres heparin granules, ferric iron, carbohydrates, basement membranes, connective tissue, copper, fungal elements and protozoa	
	Opinions and Interpretations	
Anatomic Pathology – results of histology staining as included within the schedule of accreditation	Interpretation of histology and Immunohistochemistry staining including diagnosis for the purposes of disease identification in companion animals	Histopathology – Pathologist Report