


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS PROFICIENCY TESTING</p> <p>4301</p> <p>Accredited to ISO/IEC 17043:2023</p>	<p>Cardiff and Vale University Health Board, operating as WEQAS</p> <p>Issue No: 016 Issue date: 12 January 2026</p>	
	<p>Unit 6 Parc Ty Glas Llanishen Cardiff CF14 5DU United Kingdom</p>	<p>Contact: Mrs Annette Thomas Tel: +44 (0) 2920 314750 E-Mail: office@weqas.com Annette@weqas.com Website: www.weqas.com</p>
<p>Proficiency Tests provided from the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
<p>HUMAN BODY FLUIDS unless otherwise stated</p> <p>Serum</p>	<p><u>Laboratory Based Programmes</u></p> <p>Serum Chemistry Programme Sodium Potassium Chloride Bicarbonate Urea Creatinine eGFR CKD-EPI eGFR Glucose Calcium Adjusted Calcium Phosphate Total Protein Albumin Calculated Globulins Magnesium Urate Lithium Osmolality Aspartate Aminotransferase Alanine Aminotransferase Alkaline Phosphatase Creatine Kinase Gamma Glutamyl Transferase Total Amylase Pancreatic Amylase Lactate dehydrogenase Iron TIBC UIBC Transferrin Transferrin Saturation</p>	<p>Programme design available on www.weqas.com</p>



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<p>HUMAN BODY FLUIDS unless otherwise stated (cont'd)</p> <p>Serum (cont'd)</p> <p>Serum</p> <p>Serum</p> <p>Serum</p> <p>Serum and Whole Blood</p> <p>Serum</p>	<p><u>Laboratory Based Programmes</u> (cont'd)</p> <p>Serum Chemistry Programme (cont'd) Gentamicin Lipase</p> <p>HIL Serum Indices Programme Semi-Quantitative Haemolysis Index Semi-Quantitative Icterus Index Semi-Quantitative Lipaemic Index Qualitative Haemolysis Index Qualitative Icterus Index Qualitative Lipaemic Index</p> <p>Lipids Programme Cholesterol Triglycerides HDL cholesterol LDL cholesterol Non HDL cholesterol Apolipoprotein A1 Apolipoprotein B Lipoprotein (a)</p> <p>Bilirubin Programme Total Bilirubin Conjugated Bilirubin</p> <p>ED Toxicology Programme Salicylate Paracetamol Ethanol Whole blood Ethanol</p> <p>Haematinics Programme Ferritin B12 Active B12 Folate Iron TIBC UIBC Transferrin Transferrin Saturation</p>	<p>Programme design available on www.weqas.com</p>



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<p>HUMAN BODY FLUIDS unless otherwise stated (cont'd)</p> <p>Serum</p> <p>Serum</p> <p>Serum</p>	<p><u>Laboratory Based Programmes</u> (cont'd)</p> <p>CRP Programme CRP</p> <p>Endocrine Programme Cortisol Progesterone Oestradiol Testosterone Free Testosterone FAI SHBG Total T4 Total T3 Free T4 Free T3 TSH LH FSH Prolactin (including macroprolactin) DHEA-S</p> <p>hs Troponin Programme hs Troponin I hs Troponin T</p>	<p>Programme design available on www.weqas.com</p> <p>Suitable for both laboratory and POCT instruments</p>



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HUMAN BODY FLUIDS unless otherwise stated	<u>Laboratory Based Programmes (cont'd)</u>	Programme design available on www.weqas.com
Urine	Urine Chemistry Programme Sodium Potassium Chloride Urea Creatinine Glucose Calcium Phosphate Protein Protein / Creatinine ratio Albumin Albumin/Creatinine ratio Magnesium Urate Osmolality Amylase	
Plasma	NT-proBNP Programme NT-proBNP	
HbA1c – Fresh whole blood HB variants – lyophilised whole blood	HbA1c for Diagnosis Programme HbA1c Hb variants	
Blood, Synthetic: Tonometered protein buffered aqueous material	<u>Blood Gas and Co-oximetry Programmes</u> Blood Gas Programme pH H+ pCO2 pO2 Actual Bicarbonate (aHCO3) TCO2 Sodium Potassium Ionized Calcium Chloride Magnesium Lithium Glucose Lactate Urea Creatinine Haematocrit (for iStat only)	



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HUMAN BODY FLUIDS unless otherwise stated (cont'd)	<u>Laboratory Based Programmes</u> (cont'd)	Programme design available on www.weqas.com
Blood, bovine: Freshly tonometered bovine haemolysate	pO₂ Accuracy Programme pH H ⁺ pCO ₂ pO ₂ Total Haemoglobin Oxyhaemoglobin Carboxyhaemoglobin Methaemoglobin SBC Actual Bicarbonate (aHCO ₃) Base Excess O ₂ Saturation	
Blood, bovine: stroma free bovine haemoglobin solution	Co-oximetry Programme Total Haemoglobin Oxyhaemoglobin Carboxyhaemoglobin Methaemoglobin	
Blood, bovine: Purified bovine haemoglobin solution	b123 Co-oximetry Programme Total Haemoglobin Oxyhaemoglobin Carboxyhaemoglobin Methaemoglobin	For Cobas b123 instruments only
Serum	Ammonia Programme Ammonia	
Serum	Bile Acids Programme Total Bile Acids	
Serum	Serum ACE Programme Serum ACE	
Serum	Procalcitonin Programme Procalcitonin	
Calculi (organic and inorganic chemicals)	Calculi Programme List of materials available on website	



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HUMAN BODY FLUIDS unless otherwise stated (cont'd)	<u>Laboratory Based Programmes (cont'd)</u>	Programme design available on www.weqas.com
Serum	Therapeutic Drug Monitoring Programme Amikacin Carbamazepine Digoxin Gentamicin Lamotrigine Lithium Methotrexate Phenobarbital Phenytoin Teicoplanin Theophylline Tobramycin Valproic Acid Vancomycin	
Whole blood	Immunosuppressants Programme Sirolimus Tacrolimus Ciclosporin	
Urine, Plasma, Faeces, Clinical Cases	Porphyrin Programme Quantitative TUP Qualitative TUP TUP / creatinine ratio Quantitative PBG Qualitative PBG PBG / creatinine ratio Quantitative plasma porphyrin Qualitative plasma porphyrin Faecal porphyrin Clinical case interpretation	
Serum	Homocysteine Programme Homocysteine	
Urine	Urine Oxalate and Citrate Programme Oxalate Citrate	



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HUMAN BODY FLUIDS unless otherwise stated (cont'd)	<u>Laboratory Based Programmes</u> (cont'd)	Programme design available on www.weqas.com
Serum	Serum hCG Programme Qualitative hCG Quantitative hCG	
Serum/EDTA Plasma	Pre-eclampsia Markers Programme sFit-1 PIGF sFit-1/PIGF ratio Pre-eclampsia risk	Suitable for both laboratory and POCT instruments
Urine	Drugs Of Abuse in Urine Programme Amphetamine Methamphetamine MDMA Amphetamine Group Screen Benzodiazepine Barbiturates Buprenorphines Cocaine Cannabis EDDP Heroin Ketamine Methadone Opiates Phencyclidine Tricyclic antidepressants (TCAs)	All analytes offered as qualitative and quantitative
Faeces: Synthetic organic material	Faecal Hb Programmes Qualitative FOB Qualitative FIT Quantitative FIT	
Aqueous solution	pH Meter Programme pH	
Serum and Plasma	SARS-CoV-2 Ab Programme Qualitative anti-S Ab Quantitative anti-S Ab Qualitative anti-N Ab Quantitative anti-N Ab Lateral flow test	



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HUMAN BODY FLUIDS unless otherwise stated (cont'd)	<u>POCT Programmes</u>	Programme design available on www.weqas.com
Serum: bovine	POCT Glucose and Ketones Programme Glucose Ketones	
Urine	Urine Pregnancy Programme Qualitative hCG Quantitative hCG	
Urine	POCT Urinalysis Programme pH Specific gravity Glucose Protein Ketones Nitrites Leucocytes Blood (haemoglobin) Bilirubin Albumin / creatinine ratio Albumin Creatinine Urobilinogen	
Urine	POCT Urine ACR Programme Albumin / Creatinine Ratio Albumin Creatinine	
Serum and whole blood	POCT Lipids Programme Cholesterol HDL Triglyceride Glucose	
Serum	POCT CRP Programme CRP	
Blood, whole	POCT Creatinine Programme Creatinine eGFR	



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HUMAN BODY FLUIDS unless otherwise stated (cont'd)	<u>POCT Programmes</u> (cont'd)	Programme design available on www.weqas.com
Plasma	POCT INR Programme INR	
Blood, bovine: Haemolysate	POCT Haemoglobin Programme Haemoglobin	
Serum	POCT D-dimer Programme Qualitative D-dimer Quantitative D-dimer	
Serum	POCT HIV Programme p24 Antigen HIV 1 Antibodies	
Plasma	POCT BNP Programme BNP	
Plasma	POCT Cardiac Programme Troponin I Troponin T	
Serum/EDTA plasma	POCT hs Troponin Programme hs Troponin I	
Serum and whole blood	POCT Healthcheck Programme Cholesterol HDL Triglyceride TC/HDL ratio Non-HDL LDL HbA1c	



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HUMAN BODY FLUIDS unless otherwise stated (cont'd)	<u>POCT Programmes (cont'd)</u>	Programme design available on www.weqas.com
Blood, stabilised	POCT Hybrid HbA1c Programme HbA1c	EQA and IQC combined in one Programme
Serum	POCT Hybrid Lipid Programme Cholesterol, HDL Cholesterol Triglyceride	EQA and IQC combined in one Programme
Fresh Whole Blood Lyophilised whole blood	HbA1c for monitoring Programme HbA1c Hb Variants	
	<u>Pre-term Labour Marker Programmes</u>	
Synthetic material containing human amniotic fluid	POCT PROM IGFBP-1	
Synthetic material containing human foetal fibronectin	Foetal Fibronectin Programme Qualitative fFN Quantitative fFN	
Synthetic material containing human amniotic fluid	phIGFBP-1 Programme phIGFBP-1	
END		