


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> PROFICIENCY TESTING</p> <p><b>4301</b></p> <p>Accredited to ISO/IEC 17043:2010</p>	<p><b>Cardiff and Vale University Health Board, operating as WEQAS</b></p> <p><b>Issue No: 010    Issue date: 16 March 2022</b></p>	
	<p><b>Unit 6</b> <b>Parc Ty Glas</b> <b>Llanishen</b> <b>Cardiff</b> <b>CF14 5DU</b> <b>United Kingdom</b></p>	<p><b>Contact: Mrs Annette Thomas</b> <b>Tel: +44 (0) 2920 314750</b> <b>Fax: +44 (0) 2920 314760</b> <b>E-Mail: office@weqas.com</b> <b>Annette@weqas.com</b> <b>Website: www.weqas.com</b></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><b>Serum Chemistry Programme</b> 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</p>	<p>Programme design available on <a href="http://www.weqas.com">www.weqas.com</a></p>



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HUMAN BODY FLUIDS unless otherwise stated (cont'd)	<u>Laboratory Based Programmes</u> (cont'd)	Programme design available on <a href="http://www.weqas.com">www.weqas.com</a>
Serum (cont'd)	<b>Serum Chemistry Programme</b> (cont'd) Transferrin Saturation Gentamicin Lipase Hydroxybutyrate dehydrogenase	
Serum	<b>Serum Indices Programme</b> Semi-Quantitative Haemolysis Index Semi-Quantitative Icterus Index Semi-Quantitative Lipaemic Index Qualitative Haemolysis Index Qualitative Icterus Index Qualitative Lipaemic Index	
Serum	<b>Lipids Programme</b> Cholesterol Triglycerides HDL cholesterol LDL cholesterol Non HDL cholesterol Apolipoprotein A1 Apolipoprotein B Lipoprotein (a)	
Serum	<b>Bilirubin Programme</b> Total Bilirubin Conjugated Bilirubin	
Serum and Whole Blood	<b>ED Toxicology Programme</b> Salicylate Paracetamol Ethanol Whole blood Ethanol	



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HUMAN BODY FLUIDS unless otherwise stated (cont'd)	<u>Laboratory Based Programmes</u> (cont'd)	Programme design available on <a href="http://www.weqas.com">www.weqas.com</a>
Serum	<b>Haematinics Programme</b> Ferritin B12 Active B12 Folate Iron TIBC UIBC Transferrin Transferrin Saturation	
Serum	<b>CRP Programme</b> CRP	
Serum	<b>Endocrine Programme</b> Cortisol Progesterone Oestradiol Testosterone Free Testosterone FAI SHBG Total T4 Total T3 Free T4 Free T3 TSH LH FSH Prolactin (including macroprolactin) DHEA-S	
Serum	<b>Cardiac Markers Programme</b> Troponin I Troponin T CKMB (mass) CKMB (activity) Myoglobin	



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HUMAN BODY FLUIDS unless otherwise stated	<u>Laboratory Based Programmes (cont'd)</u>	Programme design available on <a href="http://www.weqas.com">www.weqas.com</a>
Urine	<b>Urine Chemistry Programme</b> Sodium Potassium Chloride Urea Creatinine Glucose Calcium Phosphate Protein Protein / Creatinine ratio Albumin Albumin/Creatinine ratio Magnesium Urate Osmolality Amylase	
Plasma	<b>NT-proBNP Programme</b> NT-proBNP	
HbA1c – Fresh whole blood HB variants – lyophilised whole blood	<b>HaemoglobinA1c Programme</b> HbA1c Hb variants	Offered monthly as standard or bimonthly for POCT sites
Blood, Synthetic: Tonometered protein buffered aqueous material	<u>Blood Gas and Co-oximetry Programmes</u> <b>Blood Gas Programme</b> pH H+ pCO2 pO2 Actual Bicarbonate 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 (cont'd)</u>	Programme design available on <a href="http://www.weqas.com">www.weqas.com</a>
Blood, bovine: Freshly tonometered bovine haemolysate	<b>pO<sub>2</sub> Accuracy Programme</b> pH H+ pCO <sub>2</sub> pO <sub>2</sub> Total Haemoglobin Oxyhaemoglobin Carboxyhaemoglobin Methaemoglobin SBCe Actual Bicarbonate Base Excess Base Deficit O <sub>2</sub> Saturation	
Blood, bovine: stroma free bovine haemoglobin solution	<b>Co-oximetry Programme</b> Total Haemoglobin Oxyhaemoglobin Carboxyhaemoglobin Methaemoglobin	
Blood, bovine: Purified bovine haemoglobin solution	<b>b123 Co-oximetry Programme</b> Total Haemoglobin Oxyhaemoglobin Carboxyhaemoglobin Methaemoglobin	For Cobas b123 instruments only
Serum	<b>Ammonia Programme</b> Ammonia	
Serum	<b>Bile Acids Programme</b> Total Bile Acids	
Serum	<b>Serum ACE Programme</b> Serum ACE	
Serum	<b>Procalcitonin Programme</b> Procalcitonin	



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Serum	<b>Therapeutic Drug Monitoring Programme</b> Amikacin Carbamazepine Digoxin Gentamicin Lamotrigine Lithium Methotrexate Phenobarbital Phenytoin Teicoplanin Theophylline Tobramycin Valproic Acid Vancomycin	
Whole blood	<b>Immunosuppressants Programme</b> Sirolimus Tacrolimus Ciclosporin	
Urine, Plasma, Faeces, Clinical Cases	<b>Porphyrin Programme</b> 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	<b>Homocysteine Programme</b> Homocysteine	
Urine	<b>Urine Oxalate and Citrate Programme</b> Oxalate Citrate	



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Serum	<b>Serum hCG Programme</b> Qualitative hCG Quantitative hCG	
Plasma and Serum	<b>Pre-eclampsia Markers Programme</b> sFit-1 PIGF sFit-1/PIGF ratio Pre-eclampsia risk	Suitable for both laboratory and POCT instruments
Urine	<b>Drugs Of Abuse in Urine Programme</b> 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	<b>Faecal Hb Programmes</b> Qualitative FOB Qualitative FIT Quantitative FIT	
Aqueous solution	<b>pH Meter Programme</b> pH	
Serum and Plasma	<b>SARS-CoV-2 Ab Programme</b> Qualitative anti-S Ab Quantitative anti-S Ab Qualitative anti-N Ab Quantitative anti-N Ab Lateral flow test	



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	<u>POCT Programmes</u>	
Serum: bovine	<b>POCT Glucose and Ketones Programme</b> Glucose Ketones	
Urine	<b>Urine Pregnancy Programme</b> Qualitative hCG Quantitative hCG	
Urine	<b>POCT Urinalysis Programme</b> pH Specific gravity Glucose Protein Ketones Nitrites Leucocytes Blood (haemoglobin) Bilirubin Albumin / creatinine ratio Albumin Creatinine Urobilinogen	
Urine	<b>POCT Urine ACR Programme</b> Albumin / Creatinine Ratio Albumin Creatinine	
Serum	<b>POCT Lipids Programme</b> Cholesterol HDL Triglyceride Glucose	
Serum	<b>POCT CRP Programme</b> CRP	
Blood, whole	<b>POCT Creatinine Programme</b> Creatinine eGFR	





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Plasma	<b>POCT INR Programme</b> INR	
Blood, bovine: Haemolysate	<b>POCT Haemoglobin Programme</b> Haemoglobin	
Serum	<b>POCT D-dimer Programme</b> Qualitative D-dimer Quantitative D-dimer	
Serum	<b>POCT HIV Programme</b> p24 Antigen HIV 1 Antibodies HIV 2 Antibodies	
Plasma	<b>POCT BNP Programme</b> BNP	
Plasma	<b>Plasma Cardiac Markers</b> CKMB (mass) Myoglobin Troponin I	
	<u>Pre-term Labour Marker Programmes</u>	
Synthetic material containing human foetal fibronectin	<b>Foetal Fibronectin Programme</b> Qualitative fFN Quantitative fFN	
Synthetic material containing human amniotic fluid	<b>phIGFBP-1 Programme</b> phIGFBP-1	
Synthetic material containing human amniotic fluid	<b>IGFBP-1 Programme</b> IGFBP-1	



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Serum	<b>POCT Hybrid Lipid Programme</b> Cholesterol, HDL Cholesterol Triglyceride	EQA and IQC combined in one Programme
Blood, stabilised	<b>POCT Hybrid HbA1c Programme</b> HbA1c	EQA and IQC combined in one Programme
END		