


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 17043:2010</p>	<p>Cardiff and Vale University Health Board, operating as WEQAS</p> <p>Issue No: 008 Issue date: 24 May 2021</p>	
	<p>Quality Laboratory Unit 6 Parc Ty Glas Llanishen Cardiff CF14 5DU United Kingdom</p>	<p>Contact: Mrs Annette Thomas Tel: +44 (0) 2920 314750 Fax: +44 (0) 2920 314760 E-Mail: office@weqas.com Annett@weqas.com Website: www.weqas.com</p>
Proficiency Tests provided from the above address only		

DETAIL OF ACCREDITATION

Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
<p>CLINICAL PT SCHEMES Human Body Fluids unless otherwise stated</p> <p>Blood, Synthetic:protein based buffered aqueous material and tonometered whole blood material Lypholised bovine haemolysate</p>	<p><u>Biochemistry schemes</u></p> <p>Blood Gas and Co-oximetry Scheme: pH H+ PCO2 PO2 Sodium Potassium Chloride Ionised calcium Lithium Magnesium Lactate Glucose Urea Creatinine Hb Carboxy Hb MetHb TCO2 Standard bicarbonate Base excess O2 saturation Haematocrit</p>	<p>Parameters as described in relevant Scheme Guides</p>
Blood, Whole	Glycated Haemoglobin Scheme: Haemoglobin A _{1c} Hb variants	
Blood, Whole	POCT Creatinine Scheme: Creatinine eGFR	



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CLINICAL PT SCHEMES Human Body Fluids unless otherwise stated (cont'd)	<u>Biochemistry schemes</u> (cont'd)	Parameters as described in relevant Scheme Guides
Lysed whole animal blood	Immunosuppressants in whole blood scheme: Ciclosporin Sirolimus Tacrolimus	
Plasma	BNP Scheme: BNP NT-proBNP POCT BNP POCT NT-proBNP	
Serum	Serum Chemistry Scheme: Sodium Potassium Calcium Adjusted calcium Magnesium Lithium Chloride Phosphate Bicarbonate Urea Glucose Creatinine Osmolality Urate Total protein Albumin eGFR Amylase Pancreatic amylase AST ALT ALP CK GGT LDH Lipase Calculated globulin Serum indices Gentamicin Iron	



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CLINICAL PT SCHEMES Human Body Fluids unless otherwise stated (cont'd)	<u>Biochemistry schemes</u> (cont'd)	Parameters as described in relevant Scheme Guides
Serum	Serum Chemistry Scheme: TIBC Transferrin Transferrin saturation	
Serum	Lipids Scheme: Cholesterol Triglycerides HDL cholesterol Non HDL cholesterol APO B APO A1 Lp(a) LDL cholesterol	
Serum	Bilirubin Scheme: Total bilirubin Conjugated bilirubin	
Serum	Endocrine Scheme: Cortisol Oestradiol Progesterone Testosterone Prolactin (including macroprolactin) Free T3 Total T3 Free T4 Total T4 TSH LH FSH	
Serum	Ammonia Scheme: Ammonia	
Serum	Bile Acids Scheme: Total bile acids	
Serum	Homocysteine Scheme: Homocysteine	
Serum	Serum ACE Scheme: Serum ACE	



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CLINICAL PT SCHEMES Human Body Fluids unless otherwise stated (cont'd)	<u>Biochemistry schemes</u> (cont'd)	Parameters as described in relevant Scheme Guides
Serum	CRP Scheme: CRP hsCRP	
Serum	Procalcitonin	
Serum	Serum HCG Scheme: Qualitative HCG Quantitative HCG	
Serum	Therapeutic Drug Monitoring: Amikacin Carbamazepine Digoxin Gentamicin Lithium Lamotrigine Methotrexate Phenobarbital Phenytoin Teicoplanin Theophylline Tobramycin Valproic acid Vancomycin	
Serum	POCT Lipids Scheme: POCT cholesterol HDL Triglyceride Glucose	
Serum and Plasma	Cardiac Markers : Troponin T Troponin I CKMB (mass) CKMB (activity) Myoglobin Plasma POCT cardiac panel	
Serum and / or Plasma	POCT Glucose and Ketones: POCT glucose POCT ketones	



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Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
CLINICAL PT SCHEMES Human Body Fluids unless otherwise stated (cont'd)	<u>Biochemistry schemes</u> (cont'd)	Parameters as described in relevant Scheme Guides
Serum and Whole Blood	ED Toxicology: Paracetamol Salicylate Ethanol	
Serum and Plasma	SARS CoV-2 antibody scheme SARS CoV-2 antibody	
Simulated faeces	FOB/FIT scheme: FOB (Faecal occult blood) FIT (Faecal immunochemical test)	
Simulated amniotic fluid	Pre-term labour markers scheme: ph-IGFBP-1 (phosphorylated insulin growth factor binding protein-1) fFN (foetal fibronectin)	
Urine	Oxalate and Citrate Scheme: Oxalate Citrate	
Urine	Pregnancy Testing: Qualitative HCG	
Urine	Urine Chemistry Scheme: Sodium Potassium Chloride Creatinine Urea Calcium Phosphate Magnesium Glucose Urate Albumin Amylase Osmolality Protein Protein / creatinine ratio Albumin / creatinine ratio	



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<p>CLINICAL PT SCHEMES Human Body Fluids unless otherwise stated (cont'd)</p> <p>Urine</p> <p>Human Urine</p> <p>Urine, Plasma, Faeces, Clinical Cases</p>	<p><u>Biochemistry schemes</u> (cont'd)</p> <p>POCT Urinalysis Scheme: pH Specific gravity Glucose Protein Ketones Nitrites Leucocytes Blood (haemoglobin) Bilirubin Albumin / creatinine ratio Albumin Creatinine</p> <p>Drugs of abuse in urine scheme: Amphetamine, Methamphetamine, MDMA, Amphetamines Group Screen, Benzodiazepine Barbiturate, Buprenorphine, Cocaine, Cannabis, Heroin, Ketamine, Methadone, Opiates, Phencyclidine Tricyclic antidepressants (TCAs)</p> <p>Porphyryn: Total urine porphyrin qualitative and quantitative Porphobilinogen qualitative and quantitative TUP / creatinine ratio PBG / creatinine ratio Plasma porphyrin qualitative and quantitative Faecal porphyrin Clinical case interpretation</p>	<p>Parameters as described in relevant Scheme Guides</p>



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CLINICAL PT SCHEMES Human Body Fluids unless otherwise stated (cont'd) Serum	<u>Microbiology schemes</u> POCT Serum HIV Scheme for p24 Antigen and HIV 1 and HIV 2 Antibodies in serum.	Parameters as described in relevant Scheme Guides
CLINICAL PT SCHEMES Human Body Fluids unless otherwise stated (cont'd) Bovine Haemolysate Serum	<u>Haematology Schemes</u> POCT Haemoglobin Scheme: POCT haemoglobin Haematonic Scheme: Ferritin B12 Folate TIBC Iron Transferrin Transferrin saturation	Parameters as described in relevant Scheme Guides
Bovine Serum Serum	POCT INR Scheme: POCT INR D-Dimer	
END		