


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 8817</p> <p>Accredited to ISO 15189:2012</p>	<p>Dartford and Gravesham NHS Trust</p> <p>Issue No: 005 Issue date: 02 July 2021</p>	
	<p>Department of Chemical Pathology 3rd Floor Pathology Directorate Darent Valley Hospital Darenth Wood Road Dartford Kent DA2 8DA</p>	<p>Contact: Tracy Wynn Tel: +44 (0) 1322 428100 E-Mail: tracy.wynn@nhs.net Website: http://www.dvh.nhs.uk</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	
Serum	<p>Quantification of:</p> <p>Cortisol PTH Troponin I</p> <p>Vitamin D</p> <p>FSH HCG</p> <p>LH Progesterone Prolactin Testosterone Free T3 Free T4 TPO TSH AFP CA125 CA 19-9 CEA PSA CA153 Oestradiol</p>	<p>Documented in-house procedure SOP BIO 1 in conjunction with manufacturers instructions for analysis using Beckman Coulter UniCel DXI 800.</p> <p>1-step competitive immunoassay 1-step sandwich immunoassay 2-site immunoenzymatic sandwich assay 2-step competitive binding immunoenzymatic assay 2-step sandwich immunoassay Sequential 2-step immunoenzymatic sandwich assay. 2-step sandwich immunoassay 1-step competitive immunoassay 1-step sandwich immunoassay 1-step competitive immunoassay 2-step competitive immunoassay 2-step competitive immunoassay 2-step sandwich immunoassay 1-step sandwich immunoassay 1-step sandwich immunoassay 1-step sandwich immunoassay 2-step sandwich immunoassay 2-step sandwich immunoassay 1-step sandwich immunoassay 2-step sandwich immunoassay 2-step competitive immunoassay</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house procedure SOP BIO 2 in conjunction with manufacturers instructions for analysis using Beckman Coulter Olympus AU5800. Measurement by Ion-Specific Electrode, Colorimetry, Turbidimetry, latex agglutination, homogeneous EIA.
Serum/CSF/Urine	Quantification of: Potassium Chloride Sodium	
Serum/CSF/Plasma	Glucose	
CSF/Urine	Protein	
Serum/Urine	Uric Acid Urea Creatinine: Jaffé method Amylase	
Serum	LDH	
Serum/Urine	Calcium Magnesium Phosphate	
Serum/CSF	Lactate	
CSF	LDH	
Plasma	Ammonia	
Serum	ALP AST CK Gamma GT ALT Total bilirubin	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house procedure SOP BIO 2 in conjunction with manufacturers instructions for analysis using Beckman Coulter Olympus AU5800 Measurement techniques as above
Serum (cont'd)	Total protein Triglyceride Bicarbonate (CO ₂) Cholesterol Direct bilirubin Albumin Transferrin Serum bile acids C3 C4 Serum IgA Serum IgG Serum IgM C-Reactive protein Digoxin Gentamicin Vancomycin Carbamazepine Phenytoin Valproic acid Paracetamol Salicylate Theophylline Alcohol Lithium	
Serum	Estimated Glomerular Filtration Rate	Calculated SOP BIO 2
Serum	Total globulin	
Serum	Transferrin saturation percentage	
Serum/Urine	Adjusted calcium	
Urine	Albumin:Creatinine Ratio	
Urine / Serum	Creatinine Clearance	
Urine	Acute Kidney Injury (AKI)	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	
Sweat	Sweat Conductivity Analysis	Documented in-house procedure Biochemistry 39273 in conjunction with manufacturers instructions for analysis using Beckman Coulter Olympus AU5800. Measurement by Ion-Specific Electrode
Urine	Bence Jones protein confirmation and typing	Urine Immunofixation using Sebia Hydrasys and Sebia Hydragel Bence Jones Kit. Zone electrophoresis method SOP Biochemistry 39210
Serum	Paraprotein bands identification and classification	Serum Immunofixation using Sebia Hydrasys and Sebia Hydragel 4 IF kit. Zone electrophoresis method SOP Biochemistry 39212
Serum	Protein abnormalities screening	Serum electrophoresis using Sebia Capillarys 2 and Sebia capillarys protein (E). Capillary electrophoresis method. SOP Biochemistry 39208
Urine	Catecholamines (adrenaline, noradrenaline, dopamine) Metadrenalines	Jasco HPLC SOP Biochemistry 639
Urine	5HIAA	Jasco HPLC SOP Biochemistry 642
Urine/Fluid/Faeces	Measurement of pH	Narrow range pH paper. Hanna pH meter. SOP Biochemistry 39258



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	
Urine/Serum	Osmolality	Vitech Advanced Micro Osmometer 3300 Freezing point depression osmometry SOP Biochemistry 39253
Urine	24hr urine weight measurement	Weight measurement SOP BIO 2
END		