


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 8189</p> <p>Accredited to ISO 15189:2012</p>	<h3>East Sussex Healthcare NHS Trust</h3> <p>Issue No: 004 Issue date: 19 May 2022</p>	
	<p>Biochemistry Laboratory Conquest Hospital The Ridge St Leonards-on-Sea East Sussex TN37 7RD</p>	<p>Contact: Charlotte Hendon-Dunn Tel: +44 (0) 1424 755255 ex 8789 / +44(0)300 131 4497 E-Mail: c.hendon-dunn@nhs.net Website: www.esh.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>	In house documented procedures based on standard methods and incorporating manufacturers' instructions as relevant
	<u>Therapeutic Drug Monitoring</u>	Roche C6000 (c501 + e601) analyser SOP BIC-SOP 4 Roche c501 Immunoassay(I) Roche c601 Competitive Immunoassay (C.I) Roche c501 KIMS (KIMS) Roche c501 Colorimetric (C) Roche c501 enzyme immunoassay (E.I)
Serum	Carbamazepine	(I)
Serum	Digoxin	(C.I)
Serum	Gentamycin	(KIMS)
Serum	Lithium	(C)
Serum	Phenytoin	(KIMS)
Serum	Theophylline	(KIMS)
Serum	Valproate	(E.I)
Serum	Vancomycin	(E.I)
Blood/ Urine/	<u>Electrolyte analysis</u>	Roche C6000 SOP BIC-SOP 4 Ion Selective Electrodes (ISE) Indirect
Serum/Urine	Potassium	ISE-indirect
Serum/Urine	Sodium	ISE-indirect



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u> <u>Routine Biochemistry</u>	In house documented procedures based on standard methods and incorporating manufacturers' instructions as relevant
Serum	ACE	Roche C6000 (c501 + e601) analyser
Serum	Albumin	SOP BIC-SOP 4
Serum/Plasma	Ethanol	Roche c501 Kinetic (K)
Serum	Alanine transaminase	Roche c501 Colorimetric (C)
Plasma(EDTA)	Ammonia	Roche c501 Enzymatic (E)
Serum	Amylase	Roche c501 Enzymatic-colorimetric (E.C)
Serum	Alkaline Phosphatase	Roche c501 2 point Kinetic (2 P.K)
Serum	Bile acids	Roche c501 Diazo (D)
Serum	Conjugated Bilirubin	Roche c501 Immunoassay (I)
Serum/Urine	Calcium	Roche c501 Immuno-turbidimetric (IT)
Serum	Cholesterol	Roche c501 UV method (UV)
Serum	Total Creatine Kinase	Roche c501 Colorimetric-endpoint (C.EP)
Serum/Urine	Creatinine	(K)
Serum	Iron	(C)
Plasma (Fluoride Oxalate)	Glucose	(C), (E)
CSF	Glucose	(M.P.R), (E)
Serum	Gamma GT	(C), (E)
Serum	HDL Chol	(2 P.R), (E.C)
Serum/Urine	Inorganic Phosphate	(M.P.R), (E.C)
Plasma (Fluoride Oxalate)/CSF	Lactate	(2 P.K)
Serum	LDH	(E.P.C) (D)
Urine	Albumin	(C)
Serum	Magnesium	(C)
Serum	Paracetamol	(E.C)
Serum	Salicylate	(E.C)
Serum	Bilirubin	(C)
		(M.P.R), (UV)
		(E)
		(C.EP)
		(E)
		(E)
		(C)



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	<u>Routine Biochemistry (cont'd)</u>	Roche C6000 (c501 + e601) analyser (cont'd) SOP BIC-SOP 4
Serum	TCO2	(E)
Serum	Total Protein	(C)
Serum	Triglyceride	(E.C)
Serum/Urine	Urea	(K)
Serum/Urine	Urate	(K)
CSF/urine	Total protein	(C)
Data	Iron Binding Capacity	Calculated
	<u>Biochemistry Immunological Markers</u>	Roche C6000 (c501) analyser SOP BIC-SOP 4 Immuno-turbidimetric (I.T) (I.T)
Serum	CRP	(I.T)
Serum	Immunoglobulin A	Blanked End Point (I.T)
Serum	Immunoglobulin G	Blanked End Point (I.T)
Serum	Immunoglobulin M	Blanked End Point (I.T)
Serum	Rheumatoid Factor	2 Point Rate (I.T)
Serum	Transferrin	Blanked End Point (I.T)
	<u>Endocrinology, Haematinics & Tumour Markers</u>	Roche C6000, (e601) analyser SOP BIC-SOP 4 Roche e601 sandwich Electrochemiluminescent immunoassay (S.E.I.A) Competitive Electrochemiluminescent immunoassay (C.E.I.A)
Serum	17 Beta Oestradiol	(S.E.I.A)
Serum	Alpha fetoprotein	(S.E.I.A)
Serum	CA 125	(S.E.I.A)
Serum	Carcinoembryonic antigen	(S.E.I.A)
Serum	Cortisol	(S.E.I.A)
Serum	FSH	(S.E.I.A)
Serum	TSH	(S.E.I.A)
Serum	Human Growth Hormone	(S.E.I.A)
Serum	LH	(S.E.I.A)
Serum	Prolactin	(S.E.I.A)
Serum	Parathormone	(S.E.I.A)
Serum	Sex Hormone Binding Globulin	(S.E.I.A)
Serum	Testosterone	(S.E.I.A)
Serum	TPO Thyroid peroxidase antibodies	(S.E.I.A)



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	<u>Endocrinology, Haematinics & Tumour Markers (cont'd)</u>	Roche C6000 (e601) analyser (cont'd) SOP BIC-SOP 4 (S.E.I.A) BIJ-240 (S.E.I.A) (C.E.I.A) (C.E.I.A) (S.E.I.A) (C.E.I.A) (S.E.I.A) (C.E.I.A) (S.E.I.A) (C.E.I.A)
Serum	Macroprolactin	
Serum	Free T4	
Serum	Vitamin B12	
Serum	Folate	
Serum	Ferritin	
Serum	Free T3	
Serum	Beta HCG	
Serum	Progesterone	
Serum	PSA	
	<u>Immunoassay</u>	Roche C6000 (e601) analyser SOP BIC-SOP 4 Sandwich Electrochemiluminescent immunoassay (S.E.I.A) Roche e601 competitive Electrochemiluminescent immunoassay (C.E.I.A) (S.E.I.A) (S.E.I.A) (C.E.I.A)
Serum	NT Pro BNP	
Serum	Troponin T HS	
Serum	25-Hydroxy Vitamin D	
Serum	Adjusted Calcium	Roche C6000 calculated tests : BIJ-SOP-90 & BIJ-354
Serum	eGFR	
Serum	eGFR1	
Serum	AKI	
Serum	Anion gap	
Serum	Free androgen index	
Serum	Transferrin saturation	
Serum	LDL cholesterol	
Serum	Cholesterol/HDL	
Serum	Non-HDL cholesterol	
Serum	Globulin	
Serum	Calcium/creatinine	
Serum	Fractional excretion phosphate	
Serum	Fractional excretion calcium	
Urine	Urine albumin/creatinine (A/C RAT)	
Urine	Urine protein/creatinine (TUPCR)	



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Sweat	Chloride Sweat conductivity	Wescor Conductivity Meter SOP BIC-35
Blood	<u>Protein Electrophoresis</u>	Sebia Capillary Flex 2 Electrophoresis Electrophoresis/Immunofixation SOP BIC-SOP 7
Serum	Monoclonal protein band identification and quantitation	Sebia Hydrasys 2 Gel Electrophoresis/ Immunofixation SOP BIC-SOP-10
Serum/ urine	Osmolality	Vitech Osmometer model 3300 SOP BIJ-SOP 327
CSF	Xanthochromia	Spectrophotometric examination of CSF Northstar Bio-UV Spectrophotometer SOP BIC-SOP 13
Faeces	Quantification of: Faecal Haemoglobin using Faecal Immunochemical Testing (FIT)	Immunochemical Turbidimetry using HM-JACKarc System BIC-SOP-9
Faeces	Quantification of: Faecal Calprotectin	Immunoturbidimetric Roche C6000 (e501) analyser Buhlmann fCAL turbo test BIC-SOP-14 BIC-SOP-11
END		