


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 8089</p> <p>Accredited to ISO 15189:2012</p>	<h3>Frimley Health NHS Foundation Trust</h3> <p>Issue No: 004 Issue date: 22 December 2019</p>	
	<p>Clinical Biochemistry Pathology Department Royal Berkshire NHS Foundation Trust Hospital London Road Reading RG1 5AN</p>	<p>Contact: Elaine Inglis Tel: 01276 522194 / 01276 522541 / 01276 522175 E-Mail: fph-tr.bspsquality@nhs.net Website: http://www.nhspathology.fph.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>	Documented in-house procedures and manufacturer's instructions using Roche COBAS 8000 system ISE c702 SOP BIO-RBH-SOP-007
Serum	Albumin	Colorimetric
Plasma	Ethanol	Enzymatic
Serum	ALP	Colorimetric
Serum	ALT	2-Point Rate
Plasma	Ammonia	Enzymatic
Serum	Amylase	Enzymatic Colorimetric
Serum	AST	2-Point Rate
Serum	Bicarbonate	2-Point Rate
Serum	Bilirubin (Total)	Colorimetric
Serum	Calcium	Colorimetric
Urine	Calcium	Colorimetric
Serum	Chloride	Indirect ISE
Serum	Cholesterol	Enzymatic Colorimetric
Serum	Conjugated Bilirubin	Colorimetric
Serum	CRP	Immunoturbidimetric
Serum	Creatinine	Enzymatic Colorimetric
Urine	Creatinine	Enzymatic Colorimetric
Serum	Creatinine Kinase	Rate
CSF	Glucose	Enzymatic
CSF	Protein	Turbidimetric
Plasma	Glucose	Enzymatic
Serum	GGT	Enzymatic Colorimetric
Serum	HDL Cholesterol	Enzymatic Colorimetric
Serum	Iron	Colorimetric
Plasma	Lactate	Colorimetric
Serum	LDH	Rate
Serum	Lithium	Colorimetric



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HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures and manufacturer's instructions using Roche COBAS 8000 system ISE c702 (cont'd)
		SOP BIO-RBH-SOP-007
Serum	Albumin	Colorimetric
Serum	Magnesium	Colorimetric Endpoint
Urine	Microalbumin	Immunoturbidimetric
Serum	Paracetamol	Colorimetric
Serum	Phenytoin	Immunoturbidimetric
Serum	Phosphate	Colorimetric
Serum	Potassium	Indirect ISE
Urine	Potassium	Indirect ISE
Serum	Salicylate	2-Point End
Serum	Sodium	Indirect ISE
Urine	Sodium	Indirect ISE
Serum	Theophylline	CEDIA
Serum	Total Protein	Colorimetric
Urine	Total Protein	Immunoturbidimetric
Serum	Triglycerides	Colorimetric
Serum	Urate	Colorimetric
Serum	Urea	Enzymatic Colorimetric
Urine	Urea	Enzymatic Colorimetric
Serum	Transferrin	Immunoturbidimetric
Serum	Vancomycin	CEDIA
Serum	Gentamicin	CEDIA
Serum	Fructosamine	Colorimetric
Serum	B2 Microglobulin	Immunoturbidimetric
Serum	Bile Acids	Colorimetric
Urine	Phosphate	Colorimetric
Urine	Urate	Enzymatic
Urine	Magnesium	Colorimetric
Dialysis Fluid	Creatinine	Enzymatic Colorimetric
Dialysis Fluid	Glucose	Enzymatic
Dialysis Fluid	Urea	Enzymatic Colorimetric



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HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures and manufacturer's instructions using Roche COBAS 8000 system e801 (electrochemiluminescence)
Serum	B12	SOP
Serum	CA125	BIO-RBH-SOP-007
Serum	CEA	
Serum	Cortisol	
Serum	Digoxin	
Serum	Ferritin	
Serum	Free T4	
Serum	Free T3	
Serum	Folate	
Serum	HCG	
Serum	hs Troponin T	
Serum	TSH	
Serum	AFP	
Serum	FSH	
Serum	LH	
Serum	Oestradiol	
Plasma	proNT BNP	
Plasma	PTH	
Serum	Progesterone	
Serum	Prolactin	
Serum	PSA	
Serum	Testosterone	
Plasma	Vit D	
Serum	Adjusted Calcium	By calculation in the LIMS
24h Urine	Calcium	
Urine	Calcium/Creat Ratio	
	Total Cholesterol/HDL Ratio	
	LDL Cholesterol	
	Non-HDL Cholesterol	
	eGFR	
	AKI	
	FAI	
	Globulins	
	Transferrin Saturation	
	Creatinine Clearance	
24h Urine	Creatinine	
24h Urine	Magnesium	
Urine	Albumin/Creat Ratio	



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HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures and manufacturer's instructions
24h Urine	Phosphate	By calculation in the LIMS
24h Urine	Potassium	
24h Urine	Sodium	
24h Urine	Total protein	
Urine	Total Protein/Creat Ratio	
24h Urine	Urate	
24h Urine	Nitrogen	
24h Urine	Urea	
Sweat	Chloride concentration	Elitech Wescor Chlorocheck Chloridometer
		BIO-RBH-SOP-002 Sweat Test Chloride
Cerebrospinal Fluid	Xanthochromia	Uvikon XL spectrophotometer
		BCLP_Xanth
Blood and Urine	Osmolality	Micro-osmometer Model 3320 Advanced Instruments Inc
		Freezing point depression
		BIO-RBH-SOP-010 Use of the advanced Micro-Osmometer 3320
END		