


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 20494 Accredited to ISO 15189:2012	Norfolk and Norwich University NHS Foundation Trust trading as Eastern Pathology Alliance	
	Issue No: 002 Issue date: 11 May 2023	
	Blood Sciences Laboratory Queen Elizabeth Hospital Gayton Road Kings Lynn PE30 4ET	Contact: Diane Murley Tel: +44 (0)1603 286900 Fax: +44 (0)1603 286928 E-Mail: Diane.murley@nnuh.nhs.uk
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Location details		Activity
Address Blood Transfusion Laboratory Queen Elizabeth Hospital Gayton Road Kings Lynn PE30 4ET	Local Contact Frank Baiden	Blood Storage in two stock fridges and one issue fridge located within the laboratory.
Address North Cambridge Hospital Wisbech PE3 3AB	Local Contact Frank Baiden	Satellite Blood Storage fridge



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS Maternal blood and cord	<u>Blood Transfusion examinations to assist in clinical investigations</u> Foetal Maternal Haemorrhage	In house documented methods incorporating manufacturers' instructions as required Kleihauer technique: Thin blood films stained using Guest Medical Foetal Red Cell Detection Kit based on acid elution using procedure: ETS-P-001



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<p>HUMAN BODY FLUIDS</p> <p>Venous whole blood: EDTA</p> <p>Venous whole blood: EDTA</p> <p>EDTA anticoagulated plasma</p>	<p><u>Haematological examinations for the purpose of clinical diagnosis</u></p> <p>Blood film reporting of normal and abnormal morphologies</p> <p>Identification of Malarial <i>spp</i> parasites</p> <p>Detection of Infectious mononucleosis heterophile antibodies (EBV)</p>	<p>In house documented methods incorporating manufacturers' instructions as required</p> <p>Microscopy using May-Grunwald Giemsa: EPA-HAP-002</p> <p>Microscopy using Fields and Giemsa stains: EPA-HAP-004</p> <p>Accusay MONO kit latex agglutination using procedure: EPA-HAP-005</p>



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Venous blood: Citrated	<p><u>Coagulation examinations for the purpose of clinical diagnosis</u></p> <p>APTT</p> <p>PT/INR</p> <p>Fibrinogen</p> <p>D-Dimer</p> <p>Thrombin Time</p> <p>Low molecular weight Heparin Anti Xa</p>	<p>In house documented methods incorporating manufacturers' instructions as required using Werfen ACL TOPS 550 analysers and turbidimetric measurements</p> <p>SynthASil: EPA-HAP-043</p> <p>Recombiplastin 2G: EPA-HAP-042</p> <p>Quantified Fibrinogen Assay (QFA): EPA-HAP-044</p> <p>Latex Dimer assay HS500: EPA-HAP-045</p> <p>Bovine Thrombin: EPA-HAP-046</p> <p>Anti-Xa LMWH assay (therapeutic drug monitoring): EPA-HAP-051</p>



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HUMAN BODY FLUIDS	<u>Biochemistry examinations for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions as required
Serum/Plasma	Alanine Aminotransferase/ Transaminase	Abbott Alinity C and I multi assay: EPA-BIOP-300
Serum/Plasma	Albumin	Enzymatic NADH (without P-5'-P): EPA-BIOP-331
Serum/Plasma	Albumin	Colorimetric (Bromocresol Purple): EPA-BIOP-301
Serum/Plasma	Alcohol (Ethanol)	Enzymatic (Alcohol Dehydrogenase): EPA-BIOP-334
Serum/Plasma	Alkaline Phosphatase	Para-nitrophenyl Phosphate: EPA-BIOP-330
Plasma	Ammonia	Glutamate dehydrogenase: EPA-BIOP-333
Serum, Urine	Amylase	Enzymatic NADH (without P-5'-P): EPA-BIOP-332
Serum/Plasma	Bicarbonate/Carbon Dioxide	PEP carboxylase: EPA-BIOP-336
Serum	Bile acids	Enzymatic Cycling Colorimetric: EPA-BIOP-360
Serum/Plasma	Bilirubin (direct)	Diazo reaction: EPA-BIOP-345
Serum/Plasma	Bilirubin (total)	Diazonium Salt: EPA-BIOP-344
Serum/Plasma/Urine	Calcium	Arsenazo III: EPA-BIOP-349



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Serum/Plasma	Cholesterol	Enzymatic: EPA-BIOP-337
Serum/Plasma/Urine	Creatinine	Enzymatic: EPA-BIOP-307
Serum/Plasma	C-Reactive Protein	Turbidimetric/Immunoturbidimetric : EPA-BIOP-351
Serum/Plasma	Creatine Kinase	NAC (N-acetyl-L-cysteine): EPA-BIOP-350
Serum/Plasma	Digoxin	Particle-enhanced turbidimetric inhibition assay (PETINIA): EPA-BIOP-320
Serum/Plasma	Gammaglutamyl transferase	L-Gamma-glutamyl-3-carboxy-4-nitroanilide substrate: EPA-BIOP-353
Serum/Plasma	Gentamicin	Particle-enhanced turbidimetric inhibition immunoassay (PETINIA): EPA-BIOP-321
Plasma/CSF	Glucose	Enzymatic (Hexokinase/G-6-PDH): EPA-BIOP-328
Serum/Plasma	High Density Lipoprotein (HDL Cholesterol)	Accelerator Selective Detergent: EPA-BIOP-317
Serum/Plasma	Iron	Ferene: EPA-BIOP-354
Plasma/CSF	Lactate	Lactic acid to pyruvate: EPA-BIOP-341
Serum/Plasma	Lactate Dehydrogenase (LDH)	IFCC recommended forward reaction – Lactate to Pyruvate: EPA-BIOP-310



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Serum/Plasma	Magnesium	Enzymatic: EPA-BIOP-311
Serum/Plasma	Phosphate	Phosphomolybdate: EPA-BIOP-355
Serum/Plasma/Urine	Potassium	ICT: EPA-BIOP-361
Serum/Plasma	Salicylate (Aspirin)	Enzymatic/Colorimetric: EPA-BIOP-313
Serum/Plasma/Urine	Sodium	ICT: EPA-BIOP-361
Serum/Plasma/CSF/Urine	Total Protein	Biuret: EPA-BIOP-338
Serum/Plasma	Transferrin	Immunoturbidimetric : EPA-BIOP-356
Serum/Plasma	Triglycerides	Glycerol Phosphate Oxidase: EPA-BIOP-315
Serum/Plasma	Urate/Uric Acid	End point uricase: EPA-BIOP-357



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Serum/Plasma/Urine	Urea	Urease: EPA-BIOP-318
Serum/Plasma	Vancomycin	Particle-enhanced turbidimetric inhibition immunoassay (PETINIA): EPA-BIOP-358
Serum/Plasma	Calculated tests: eGFR AKI Calcium/creatinine ratio Creatinine clearance Globulins Adjusted calcium LDL cholesterol Transferring saturation Urine protein creatinine ratio	EPA-BIOP-030



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Serum/Plasma	Cortisol	Abbott Alinity C and I Chemiluminescent microparticle immunoassay (CMIA): EPA-BIOP-302
Serum/Plasma	Ferritin	EPA-BIOP-308
Serum/Plasma	Folate	EPA-BIOP-340
Serum/Plasma	Free T3 (3,5,3'Triiodothyronine)	EPA-BIOP-352
Serum/Plasma	Free T4 (Thyroxine)	EPA-BIOP-309
Serum/Plasma	Human Chorionic Gonadotrophin	EPA-BIOP-348
Serum/Plasma	Prostate Specific Antigen	EPA-BIOP-312
Serum/Plasma	Thyroid Stimulating Hormone	EPA-BIOP-316
Serum/Plasma	Hs Troponin I	EPA-BIOP-314
Serum/Plasma	Vitamin B12	EPA-BIOP-335
CSF	Xanthochromia	UV Virkon Spectrophotometry using procedure: EPA-BIOP-029
END		