

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



20494

Accredited to
ISO 15189:2022

Norfolk and Norwich University NHS Foundation Trust trading as Eastern Pathology Alliance

Issue No: 005 Issue date: 17 April 2026

Blood Sciences Laboratory
Queen Elizabeth Hospital
Gayton Road
Kings Lynn
PE30 4ET

Contact: Fiona Butcher
Tel: +44 (0)1603 286900
Fax: +44 (0)1603 286928
E-Mail: Fiona.Butcher@nnuh.nhs.uk

Testing performed by the Organisation at the locations specified below

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Blood Transfusion examinations to assist in clinical investigations</u>	In house documented methods incorporating manufacturers' instructions as required
Maternal blood and cord	Foetal Maternal Haemorrhage	Kleihauer technique: Thin blood films stained using Guest Medical Foetal Red Cell Detection Kit based on acid elution using procedure: ETS-P-001
Whole Blood	Blood Grouping antigen/antibody reactions: A, B, AB and O blood groups and RhD positive & RhD negative types.	Automated: Grifols Eflexis. Use of Grifols Erytra and Eflexis analysers. SOP ETE-P-048 Manual: Grifols column agglutination using procedures: ETE-P-050 Manual Blood grouping, antibody screening identification and crossmatching techniques in blood transfusion
Whole Blood	Antibody screen and identification of D, C,c,E, e,Cw,K,k,Kpa,Fya,Fyb,Jka,Jkb,L ea,Leb,P1,M, N,S,s	Automated: Grifols Eflexis. Use of Grifols Erytra and Eflexis analysers. SOP ETE-P-048 Manual: Grifols column agglutination using procedures: ETE-P-050 Manual Blood grouping, antibody screening identification and crossmatching techniques in blood transfusion
Whole Blood	Compatibility testing including serological crossmatch (patient plasma against donor red cells).	Automated: Grifols Eflexis. ETQ-P-400 Blood Component Selection and Issue. Indirect Antiglobulin Test by manual Grifols column agglutination using procedures: ETE-P-050 Manual Blood grouping, antibody screening, identification and crossmatching techniques in blood transfusion & ETE-P-011 Crossmatch Policy



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Whole Blood</p> <p>Whole Blood</p>	<p><u>Blood Transfusion examinations to assist in clinical investigations (cont'd)</u></p> <p>Direct Antiglobulin Testing (DAT) by antigen/antibody reactions using polyspecific AHG, anti IgG, anti C3d</p> <p>Red cell phenotypes for C,c,E,e,</p>	<p>In house documented methods incorporating manufacturers' instructions as required</p> <p>Automated : Grifols Eflexis SOP ETE-P-048 Use of Grifols Erytra and Eflexis analysers. Manual: Grifols column agglutination using procedures: ETE-P-050 Manual Blood grouping, antibody screening, identification and crossmatch techniques in blood transfusion</p> <p>ETE-P-021 Red Cell Phenotyping</p>



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HUMAN BODY FLUIDS	<u>Haematological examinations for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions as required
Venous whole blood: EDTA	Blood film reporting of normal and abnormal morphologies	Microscopy using May-Grunwald Giemsa: EPA-HAP-002
Venous whole blood: EDTA	Identification of Malarial <i>spp</i> parasites	Microscopy using Fields and Giemsa stains: EPA-HAP-004
EDTA anticoagulated plasma	Detection of Infectious mononucleosis heterophile antibodies (EBV)	Accusay MONO kit latex agglutination using procedure: EPA-HAP-005
Blood EDTA	Full Blood Count: Haemoglobin (Hb) Haematocrit (Hct) Red Cell Count (RBC) Nucleated RBC (NRBC) Mean Cell Haemoglobin (MCH) Mean Cell Haemoglobin Concentration (MCHC) Mean Cell Volume (MCV) White cell count (WBC) Neutrophil count Immature Granulocyte count Lymphocyte count Eosinophil count Basophil count Platelet count Reticulocyte count	Alinity hq - Flow cytometry Haematocrit (Hct) MCH and MCHC calculated SOP: EPA-HAP-001
Blood EDTA	Automated ESR	AliFax photometric capillary stopped flow kinetic analysis SOP: EPA-HAP-003
Blood EDTA	Sickle Cell screening	Sickle cell solubility using CLIN-TECH S-Test SOP: EPA-HAP-007
Blood EDTA	Identification of Malarial <i>spp</i> parasites <i>spp</i> <i>P. falciparum</i> , <i>P. vivax</i> , <i>P. malariae</i> & <i>P. ovale</i>	Apacor Rapydtest CareUS ICT lateral flow SOP: EPA-HAP-004



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



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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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HUMAN BODY FLUIDS	<u>Biochemistry examinations for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required
Serum/Plasma	Cholesterol	Abbott Alinity C and I multi assay: EPA-BIOP-300
Serum/Plasma/Urine	Creatinine	Enzymatic: EPA-BIOP-337
Serum/Plasma	C-Reactive Protein	Enzymatic: EPA-BIOP-307
Serum/Plasma	Creatine Kinase	Turbidimetric/Immunturbidimetric : EPA-BIOP-351
Serum/Plasma	Digoxin	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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HUMAN BODY FLUIDS	<u>Biochemistry examinations for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required
Serum/Plasma	Magnesium	Abbott Alinity C and I multi assay: EPA-BIOP-300
Serum/Plasma	Phosphate	Enzymatic: EPA-BIOP-311
Serum/Plasma/Urine	Potassium	Phosphomolybdate: EPA-BIOP-355
Serum/Plasma	Salicylate (Aspirin)	ICT: EPA-BIOP-361
Serum/Plasma/Urine	Sodium	Enzymatic/Colorimetric: EPA-BIOP-313
Serum/Plasma/CSF/Urine	Total Protein	ICT: EPA-BIOP-361
Serum/Plasma	Transferrin	Biuret: EPA-BIOP-338
Serum/Plasma	Triglycerides	Immunoturbidimetric : EPA-BIOP-356
Serum/Plasma	Urate/Uric Acid	Glycerol Phosphate Oxidase: EPA-BIOP-315
Serum/Plasma/Urine	Urea	End point uricase: EPA-BIOP-357
Serum/Plasma	Vancomycin	Urease: EPA-BIOP-318
		Particle-enhanced turbidimetric inhibition immunoassay (PETINIA): EPA-BIOP-358



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HUMAN BODY FLUIDS	<u>Biochemistry examinations for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required
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 Abbott Alinity C and I Chemiluminescent microparticle immunoassay (CMIA):
Serum/Plasma	Cortisol	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



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CSF	CSF Lactate	Abbott Alinity C: EPA-BIOP-300 Lactic acid to Pyruvate and hydrogen peroxide by lactate oxidase EPA-BIOP-043
Serum	Paracetamol	Colorimetry EPA-BIOP-055
Serum	Chloride	Potentiometry using ion selective electrodes EPA-BIOP-011
Serum	Active B12 (Holotranscobalamin)	Abbott Alinity i: EPA-BIOP-300 EPA-BIOP-073
Serum	Vitamin D	EPA-BIOP-063
CSF	Xanthochromia	UV Virkon Spectrophotometry using procedure: EPA-BIOP-029
Serum	PIIINP	Advia Centaur XPT chemiluminescence ECQ-P-008 EPA-BIOP-055
Fluids	pH	Radiometer ABL90 Flex ECQ-BIOP-011 EPA-BIOP-1072
Serum or Urine	Osmolality	Osmo 1 Freeze Point Depression EPA-BIOP-004

END