

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



21363

Accredited to
ISO 15189:2022

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

Issue No: 005 Issue date: 31 July 2026

Blood Sciences Laboratory
James Paget University Hospital
Lowestoft Road
Gorleston-on-Sea
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NR31 6LA

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Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Location details	Activity
Address Blood Sciences Laboratory James Paget University Hospital Lowestoft Road Gorleston-on-Sea Great Yarmouth NR31 6LA Local Contact Haematology Contact: Annie Chileshe Tel: +44 1493 452829 Email: Annie.Chileshe@jpaget.nhs.uk Local Contact Blood Transfusion Contact: Marie Smith Tel: +44 1493 452443 Email: marie.smith@jpaget.nhs.uk	Haematology Coagulation Biochemistry Blood Transfusion Blood Transfusion Issue Fridge & Blood Storage Fridges
Address Haematology ward J17 James Paget University Hospital Lowestoft Road Gorleston-on-Sea Great Yarmouth Local Contact Marie Smith	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	<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 Fetal Red Cell Detection Kit ETS-P-001
Whole Blood	Blood Grouping: A, B, AB and O blood groups and RhD positive & RhD negative types	Automated: Grifols Eflexis Manual techniques: Grifols column agglutination cards. ETE-P-048 ETE-P-050
Whole Blood	Antibody screen and identification of D,C,c,E,e,Cw,K,k,Kpa,Fya,Fyb,Jka,Jkb,Lea,Leb,P1,M,N,S,s	Automated: Grifols Eflexis Manual techniques: Grifols column agglutination cards. ETE-P-048 (automated) ETS-P-050 (Manual)
Whole Blood	Compatibility testing including serological crossmatch (patient plasma against donor red cells)	Manual Indirect Antiglobulin Test by Grifols column agglutination ETE-P-050, ETN-P-010, ETE-P-011
Whole Blood	Direct Antiglobulin Testing (DAT)	Automated: Grifols Eflexis, Manual: Grifols column agglutination [NH1.1] cards ETE-P-048 (automated) ETE-P-050 (manual)
Whole Blood	Red cell phenotypes for C,c,E,e,K	Automated: Grifols Eflexis Analysers ETE-P-021
Whole Blood	Red cell phenotypes for C,c,E,e,K	Manual: :Grifols column agglutination phenotype cards (immediate spin) ETE-P-021
Whole Blood	Red cell phenotypes for Jka,Jkb,M,A1,Fya,Fyb,S,s	Manual: Grifols column agglutination cards and monoclonal antisera (immediate spin or IAT), and tube techniques using monoclonal antisera spin technique ETE-P-021



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Haematology examinations to assist in clinical investigations</u>	
EDTA whole blood	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 haemoglobin equivalent Reticulocyte count	Alinity hq (Automated) Flow cytometry Haematocrit (Hct) MCH and MCHC calculated EPA-HAP-001
EDTA Whole Blood	ESR	Sysmex AliFax photometric capillary stopped flow kinetic analysis EPA-HAP-003
EDTA Whole Blood	Sickle Cell Screening (Solubility Test)	Manual Sickle cell solubility using CLIN-TECH kit EPA-HAP-007



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HUMAN BODY FLUIDS	<u>Haematology examinations to assist in clinical investigations</u>	
EDTA Whole Blood	Detection of HRP2 and pLDH antigens for the identification of malarial parasites	Detection of malarial parasites using Apacor Rapydtest CareUS ICT lateral flow assay EPA-HAP-004
EDTA Whole Blood	Blood film reporting of normal and abnormal morphologies	Manual staining using May-Grunwald Giemsa and microscopy EPA-HAP-002
EDTA Whole Blood	Malaria screen for: P. falciparum P. vivax P. ovale P. malariae P. knowlesi	Manual staining using Fields and Giemsa stains and microscopy: EPA-HAP-004
EDTA Whole Blood	Detection of Infectious mononucleosis heterophile antibodies (EBV)	Accusay MONO kit latex agglutination EPA-HAP-005
HUMAN BODY FLUIDS	<u>Coagulation examinations for the purpose of clinical diagnosis</u>	
Citrated Plasma	APTT	SynthASil: EPA-HAP-043
Citrated Plasma	PT/INR	Recombiplastin 2G: EPA-HAP-042
Citrated Plasma	Fibrinogen	Quantified Fibrinogen Assay (QFA): EPA-HAP-044
Citrated Plasma	D-Dimer	Latex Dimer assay HS500: EPA-HAP-045
Citrated Plasma	Thrombin Time	Bovine Thrombin: EPA-HAP-046
Citrated Plasma	Low molecular weight Heparin Anti Xa	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>	Abbott Alinity C and I multi assay: EPA-BIOP-300 applies to all assays below unless otherwise stated
Serum/Plasma	Acetaminophen (Paracetamol)	Enzymatic/Colorimetric
Serum/Plasma	Alanine Aminotransferase Transaminase (ALT)	Enzymatic NADH (without P-5'-P)
Serum/Plasma	Albumin	Colorimetric (Bromocresol Purple)
Serum/Plasma	Alkaline Phosphatase (ALP)	Para-nitrophenyl Phosphate
Plasma	Ammonia	Glutamate dehydrogenase
Serum/Plasma	Amylase	Enzymatic (CNP3 Substrate)
Serum/Plasma	Bicarbonate/Carbon Dioxide	PEP carboxylase
Serum	Bile acids	Enzymatic Cycling Colorimetric
Serum/Plasma	Bilirubin (direct)	Diazo reaction
Serum/Plasma	Bilirubin (total)	Diazonium Salt
Serum/Plasma/Urine	Calcium	Arsenazo III
Serum/Plasma	Cholesterol	Enzymatic
Serum/Plasma	Cortisol	Chemiluminescent microparticle immunoassay (CMIA)
Serum/Plasma/Urine	Creatinine	Enzymatic
Serum/Plasma	C-Reactive Protein (CRP)	Turbidimetric/Immunoturbidimetric
Serum/Plasma	Creatine Kinase (CK)	NAC (N-acetyl-L-cysteine) Particle-enhanced turbidimetric inhibition assay (PETINIA)
Serum/Plasma	Digoxin	Particle-enhanced turbidimetric inhibition assay (PETINIA)
Plasma	Ethanol	Enzymatic (Alcohol Dehydrogenase)
Serum/Plasma	Ferritin	Chemiluminescent microparticles immunoassay (CMIA)



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HUMAN BODY FLUIDS	<u>Biochemistry examinations for the purpose of clinical diagnosis</u>	Abbott Alinity C and I multi assay: EPA-BIOP-300 applies to all assays below unless otherwise stated
Serum/Plasma	Folate	Chemiluminescent microparticles immunoassay (CMIA)
Serum/Plasma	Free T3	Chemiluminescent microparticles immunoassay (CMIA)
Serum/Plasma	Free T4	Chemiluminescent microparticles immunoassay (CMIA)
Serum/Plasma	Gamma glutamyl transferase (GGT)	L-Gamma-glutamyl-3-carboxy-4-nitroanilide substrate
Serum/Plasma	Gentamicin	Particle-enhanced turbidimetric inhibition immunoassay (PETINIA)
Serum/Plasma/CSF	Glucose	Enzymatic (Hexokinase/G-6-PDH)
Serum/Plasma	hCG	Chemiluminescent microparticle immunoassay (CMIA)
Serum/Plasma	High Density Lipoprotein (HDL Cholesterol)	Accelerator Selective Detergent
Serum/Plasma	Holotranscobalamin (active B12)	Chemiluminescent microparticle immunoassay (CMIA)
Serum/Plasma	Iron	Ferene
Serum/Plasma/CSF	Lactate/Lactic acid	Lactic acid to pyruvate
Serum/Plasma	Lactate Dehydrogenase (LDH)	IFCC recommended forward reaction – Lactate to Pyruvate
Serum/Plasma	Magnesium	Enzymatic
Serum/Plasma/Urine	Osmolality	Freezing point depression: EPA-BIOP-004
Serum/Plasma/Urine	Potassium	ICT/ISE
Serum/Plasma/Urine	Phosphate	Phosphomolybdate



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HUMAN BODY FLUIDS	<u>Biochemistry examinations for the purpose of clinical diagnosis</u>	Abbott Alinity C and I multi assay: EPA-BIOP-300 applies to all assays below unless otherwise stated
Serum	Prostate Specific Antigen (PSA)	Chemiluminescent microparticle immunoassay (CMIA)
Serum/Plasma	Salicylate (Aspirin)	Enzymatic/Colorimetric
Serum/Plasma/Urine	Sodium	ICT/ISE
Serum/Plasma	Thyroid Stimulating Hormone (TSH)	Chemiluminescent microparticles immunoassay (CMIA)
Serum/Plasma/Urine/CSF	Total Protein	Biuret
Serum/Plasma	Transferrin	Immunoturbidimetric
Serum/Plasma	Triglycerides	Glycerol Phosphate Oxidase
Serum/Plasma	Troponin	Chemiluminescent micro particle immunoassay (CMIA)
Serum/Plasma	Urate/Uric Acid	Acid End point uricase
Serum/Plasma/Urine	Urea	Urease
Serum/Plasma	Vancomycin	Particle-enhanced turbidimetric inhibition immunoassay
Serum/Plasma	Vitamin B12	Chemiluminescent microparticle immunoassay (CMIA)
Serum/Plasma	Vitamin D	Chemiluminescent microparticle immunoassay (CMIA)



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Plasma/Serum	Adjusted Calcium	Biochemistry- Calculated tests EPA-BIOP-030
Plasma/Serum	AKI	
Plasma/Serum	Globulin	
Plasma/Serum	LDL Cholesterol-Sampson	
Plasma/Serum	Transferrin Saturation	
Urine	Calcium Clearance	
Urine	Calcium/Creatinine Ratio	
Urine	Protein Creatinine Ratio	
Serum/plasma	eGFR	
Serum/plasma	Non-HDL cholesterol	
END		