


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>7874</b></p> <p>Accredited to ISO 15189:2022</p>	<h3>Aneurin Bevan University Health Board</h3> <p>Issue No: 014    Issue date: 04 February 2026</p>	
	<p><b>Headquarters</b> St Cadoc's Hospital Lodge Road Caerleon Newport NP18 3XQ</p>	<p><b>Contact: Thomas Chinnick</b> Tel: +44 (0) 1633 493233 E-Mail: <a href="mailto:Thomas.Chinnick@wales.nhs.uk">Thomas.Chinnick@wales.nhs.uk</a> Website: <a href="https://abuhb.nhs.wales/">https://abuhb.nhs.wales/</a></p>
<p><b>Testing performed by the Organisation at the locations specified below</b></p>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Local Contact	Activity	Location code
Dept. of Blood Sciences Nevill Hall Hospital Brecon Road Abergavenny Monmouthshire NP7 7EG	Thomas Chinnick Blood Sciences Manager- Biochemistry +44(0)1633 493233	Haematology, Blood Transfusion, Coagulation, Clinical Biochemistry, Blood fridge management (2 fridges)	NHH
Royal Gwent Hospital Cardiff Road Newport South Wales NP20 2UB	Thomas Chinnick Blood Sciences Manager- Biochemistry  +44(0)1633 493233	Haematology, Blood Transfusion, Coagulation, Clinical Biochemistry, Endocrinology Blood fridge management (3 fridges) Electronic blood issue	RGH
Ysbyty Ystrad Fawr Ystrad Fawr Way Ystrad Mynach Hengoed CF82 7EP	Stacey Wetherell Blood Sciences Manager- Haematology +44(0)1633 493255	Blood fridge management (2 fridges) Electronic blood issue	YYF
Grange University Hospital Caerleon Road Llanfrechfa Cwmbran NP44 8YN	Thomas Chinnick Blood Sciences Manager- Biochemistry +44(0)1633 493233	Haematology, Blood Transfusion, Coagulation, Clinical Biochemistry Blood fridge management (3 fridges)	GUH



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**Additional site activities performed at main location listed above:**

Location details	Local Contact	Activity	Location code
Children's Assessment Unit Royal Gwent Hospital	Thomas Chinnick Blood Sciences Manager- Biochemistry +44(0)1633 493233	Sweat test sample using Wescor Macroduct sweat collection system	CAU



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Plasma (sodium heparin)	Aluminium	Perkin Elmer NexION 1000; inductively coupled plasma mass spectroscopy (ICP-MS). SOP BI1298	GUH
Plasma (sodium heparin)	Copper Selenium Zinc	Perkin Elmer NexION 1000; inductively coupled plasma mass spectroscopy (ICP-MS) SOP BI1294	GUH
Blood (sodium heparin) Blood (EDTA)	Lead	Perkin Elmer NexION 1000; inductively coupled plasma mass spectroscopy (ICP-MS)SOP BI1522	GUH
Blood (lithium heparin)	Blood gases: pH pCO2 pO2 sO2 Standard bicarbonate Base excess Haematocrit Carboxyhaemoglobin Methaemoglobin Oxyhaemoglobin Deoxyhemoglobin Chloride Glucose Ionised calcium Lactate Potassium Sodium	Werfen GEM 5000 blood gas analyser; potentiometric & amperometric sensors, CO-Oximetry, derived parameters. SOP BI1214 SOP BI1261	RGH GUH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
CSF	Xanthochromia	Spectrophotometric method using Uvikon spectrophotometer SOP BIO0040	GUH
Serum	Screening for the presence of paraprotein bands.	Sebia Capillarys III; Capillary zone electrophoresis SOP BI1025	GUH
Serum	Identification of IgG, IgA, IgM, kappa, lambda proteins	Sebia Capillarys III; Capillary zone electrophoresis SOP BI1025	GUH
Urine	Screening and classification of Bence Jones protein	Sebia Hydrasys II; Gel electrophoresis and immunofixation SOP BI0287	GUH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Serum	Cryoglobulins	Sebia Capillarys III; Precipitation of cryoprotein at 4°C followed by electrophoresis SOP BI1028	GUH
Blood (EDTA whole blood)	HbA1c	Tosoh G11; Cation exchange high performance liquid chromatography SOP BI0260, BI1071	GUH
Urine	Metadrenaline Normetadrenaline	Agilent 1100 series and Thermo Coulochem III detector; Reverse phase high performance liquid chromatography with electrochemical detection. SOP BI1039	GUH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Renal calculi	Determination of the composition of renal stones to include stone types: Calcium oxalate Calcium phosphate Uric acid Struvite Cystine	Thermos Nicolet iS10 spectrophotometer using FTIR spectroscopy  SOP BI1055	GUH
Urine	βhCG	Siemens CLINITEST hCG - rapid chromatographic immunoassay SOP BC0072	GUH
Serum	Vitamin A Vitamin E	using Agilent 1200 with UV/Visible detector; Isocratic high-performance liquid chromatography and ultraviolet detection SOP BI0301	GUH
Plasma (lithium heparin, urine)	Osmolality	Osmometer OSMOL1 Model using freezing point depression SOP BI0305	GUH
Serum	Kappa free light chains and Lambda free light chains	Optilite; automated immunoassay. SOP BI1248	GUH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Serum	Alpha--1-anti-trypsin	Siemens Atellica CH using the following methods: SOP B11341, B11346 and: Immunoturbidimetric (PEG-enhanced)	GUH
Serum	Angiotensin converting enzyme	Enzymatic	GUH
Serum, plasma (lithium heparin)	Alanine transaminase	Enzymatic (with P5'P).	GUH RGH NHH
Serum, Lithium Heparin Plasma	Albumin	Colorimetric(Bromocresol Purple)	GUH RGH NHH
Serum, plasma (lithium heparin)	Alkaline phosphatase	Enzymatic	GUH RGH NHH
Urine	Amphetamine	Homogenous enzyme immunoassay	GUH
Serum, plasma (lithium heparin)	Amylase	Enzymatic	GUH RGH NHH
Serum	ASO	Latex enhanced Immunoturbidimetric (latex enhanced)	GUH
Serum, plasma (lithium heparin)	Aspartate transaminase	Enzymatic (with P5'P).	GUH
Urine	Benzodiazepine	Homogenous enzyme immunoassay	GUH
Serum	Beta-2-microglobulin	Immunoturbidimetric (latex enhanced)	GUH
Serum, plasma (lithium heparin)	Bicarbonate	Enzymatic	GUH



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HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Serum, plasma (lithium heparin)	Bile Acid	Siemens Atellica CH using the following methods: SOP BI1341, BI1346 and: Enzymatic Cycling Colorimetric	GUH
Serum, plasma (lithium heparin)	Bilirubin total	Vanadate Oxidation	GUH RGH NHH
Serum, plasma (lithium heparin)	Bilirubin conjugated	Vanadate Oxidation	GUH RGH NHH
Urine	Buprenorphine	Homogenous enzyme immunoassay	GUH



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HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Serum	Complement C3	Siemens Atellica CH using the following methods: SOP BI1341, BI1346 and: Immunoturbidimetry	GUH
Serum	Complement C4	Immunoturbidimetry	GUH
Serum	Caerulopasmin	Immunoturbidimetry	GUH
Serum, plasma (lithium heparin) Plasma	Calcium	Arsenazo III	GUH RGH NHH
Urine	Calcium	Arsenazo III	GUH
Faeces	Calprotectin	BÜHLMANN fCAL® turbo particle enhanced turbidimetric immunoassay	GUH
Urine	Cannabis	Homogenous enzyme immunoassay	GUH
Serum, Lithium Heparin Plasma	Chloride	Indirect integrated Multisensor Technology (IMT)	GUH RGH NHH
Urine	Chloride	Indirect integrated Multisensor Technology (IMT)	GUH
Sweat	Chloride	Enzymatic SOP BI1220	GUH



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HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Serum, plasma (lithium heparin)	Cholesterol	Siemens Atellica CH using the following methods: SOP BI1341, BI1346 and: Enzymatic	GUH RGH NHH
Urine	Citrate	Enzymatic SOP BI1063	GUH
Urine	Cocaine	Homogenous enzyme immunoassay	GUH
Serum, plasma (lithium heparin)	C-reactive protein (CRP)	Latex-enhanced immunoturbidimetric (latex-enhanced)	GUH RGH NHH
Serum, plasma (lithium heparin)	Creatine kinase	Enzymatic	GUH RGH NHH
Serum, plasma (lithium heparin)	Creatinine	Jaffe	GUH RGH NHH
Urine	Creatinine	Jaffe	GUH RGH NHH
Serum	Digoxin	Latex-enhanced Immunoturbidimetric (latex-enhanced)	GUH
Urine	Methadone metabolites	Homogenous enzyme immunoassay	GUH
Faeces	Elastase	BÜHLMANN fPELA® turbo particle enhanced turbidimetric immunoassay SOP BIO466	



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HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Plasma (fluoride oxalate)	Ethanol	Siemens Atellica CH using the following methods: SOP BI1341, BI1346 and: Enzymatic	GUH RGH NHH
Serum	Gentamicin	Trubidimetric PETINIA technique	GUH
Serum, plasma (lithium heparin) Lithium Heparin Plasma	Gamma-glutamyl transferase	Enzymatic	GUH
Plasma (sodium oxalate)	Glucose	Enzymatic	GUH RGH NHH
CSF	Glucose	Enzymatic	GUH
Serum	Haptoglobin	Immunoturbidimetric (PEG-enhanced)	GUH
Serum,	HDL cholesterol	Enzymatic	GUH RGH NHH
Serum	Immunoglobulin A	Immunoturbidimetric (PEG-enhanced)	GUH
Serum	Immunoglobulin G	Immunoturbidimetric (PEG-enhanced)	GUH
Serum	Immunoglobulin M	Immunoturbidimetric (PEG-enhanced)	GUH
Serum, plasma (lithium heparin)	Iron	Colorimetric	GUH



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HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Plasma (fluoride oxalate)	Lactate	Siemens Atellica CH using the following methods: SOP BI1341, BI1346 and: Enzymatic	GUH RGH NHH
Serum, plasma (lithium heparin)	Lactate dehydrogenase	Enzymatic	GUH
Serum	Lithium	Colorimetric	GUH
Serum, plasma (lithium heparin)	Magnesium	Modified xylidyl blue reaction	GUH RGH NHH
Urine	Magnesium	Modified xylidyl Bblue reaction	GUH
Urine	Microalbumin	Immunoturbidimetric (PEG-enhanced).	GUH
Urine	Opiate	Homogeneous enzyme immunoassay.	GUH
Urine	Oxalate	Enzymatic	GUH
Serum, plasma (lithium heparin)	Phenobarbitone	Turbidimetric - PETINIA technique	GUH
Serum, plasma (lithium heparin)	Phenytoin	Turbidimetric - PETINIA technique	GUH
Serum, plasma (lithium heparin) Lithium Heparin Plasma	Phosphate	Daly and Ertinghausen procedure	GUH RGH NHH
Urine	Phosphate	Daly and Ertinghausen procedure	GUH



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HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Serum, plasma (lithium heparin) Lithium Heparin Plasma	Potassium	Siemens Atellica CH using the following methods: SOP BI1341, BI1346 and: Indirect Integrated Multisensor Technology (IMT)	GUH RGH NHH
Urine	Potassium	Indirect Integrated Multisensor Technology (IMT)	GUH
Serum, plasma (lithium heparin)	Protein, Total	Weichselbaum using biuret reagent	GUH RGH NHH
Urine, CSF	Protein	Colorimetric	GUH
Serum	Rheumatoid Factor	Immunoturbidimetric (latex-enhanced)	GUH
Serum, plasma (lithium heparin)	Salicylate	Enzymatic, colourimetric	GUH RGH NHH
Serum, plasma (lithium heparin)	Sodium	Indirect Integrated Multisensor Technology (IMT)	GUH RGH NHH
Urine	Sodium	Indirect Integrated Multisensor Technology (IMT)	GUH
Serum	Teicoplanin	Thermo Scientific QMS™ Teicoplanin homogenous particle-enhanced turbidimetric immunoassay.	GUH
Serum	Theophylline	Turbidimetric - PETINIA technique	GUH
Serum, plasma (lithium heparin)	Transferrin	Immunoturbidimetric (PEG-enhanced)	GUH



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HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
		Siemens Atellica IM using the following methods: SOP BI1341, BI1346 and:	
Serum, plasma (lithium heparin)	Triglyceride	Enzymatic	GUH RGH NHH
Serum, plasma (lithium heparin)	Urea	Enzymatic	GUH RGH NHH
Urine	Urea	Enzymatic	GUH
Serum, plasma (lithium heparin)	Uric Acid	Enzymatic	GUH
Urine	Uric Acid	Enzymatic	GUH
Serum, plasma (lithium heparin)	Vancomycin	Turbidimetric - PETINIA technique	GUH
Serum	Alpha- foetoprotein (AFP)	2-site sandwich chemiluminescent immunoassay	
Serum, plasma (lithium heparin)	Anti-TPO	Competitive chemiluminescent immunoassay	GUH RGH
Serum	CA125	2-site sandwich chemiluminescent immunoassay	GUH



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HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Serum	CA15-3	Siemens Atellica IM using the following methods: SOP BI1341 2-site sandwich chemiluminescent immunoassay	GUH
Serum	CA 19-9	2-site sandwich chemiluminescent immunoassay	GUH
Serum	Carcinoembryonic antigen (CEA)	2-site sandwich chemiluminescent immunoassay.	GUH
Serum	Cortisol	Competitive chemiluminescent immunoassay	GUH RGH NHH
Serum	Ferritin	2-site sandwich chemiluminescent immunoassay.	GUH RGH NHH
Serum	Folate	2-site sandwich chemiluminescent immunoassay.	GUH
Serum, plasma (lithium heparin)	Free T3	Competitive chemiluminescent immunoassay.	GUH
Serum, plasma (lithium heparin)	Free T4	Competitive chemiluminescent immunoassay.  Competitive immunoassay using direct chemiluminescence	GUH RGH NHH



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HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Serum	Follicle- stimulating hormone	Siemens Atellica IM using the following methods: SOP BI1341, BI1346 and: 2-site sandwich chemiluminescent immunoassay	GUH
Serum	Human chorionic gonadotropin (hCG)	2-site sandwich chemiluminescent immunoassay	GUH
Serum	Hepatitis A IgM	2-site sandwich chemiluminescent immunoassay	RGH
Serum	Hepatitis B surface antibody	2-site sandwich chemiluminescent immunoassay	RGH
Serum	Hepatitis B surface antigen	Sandwich chemiluminescent immunoassay	RGH
Serum	Hepatitis B total core antibody		RGH
Serum	Hepatitis C antibody	Indirect 2-wash sandwich chemiluminescent immunoassay	RGH
Serum	HIV Ag/Ab	2-step Ag/Ab sandwich chemiluminescent immunoassay	RGH
Serum	High Sensitivity Troponin	3-site sandwich chemiluminescent immunoassay	GUH RGH NHH
Serum	Luteinising hormone (LH)	2-site sandwich chemiluminescent immunoassay	GUH
Serum	NT pro BNP	2-site sandwich chemiluminescent immunoassay	GUH
Serum	Oestradiol	Competitive chemiluminescent immunoassay	GUH
Plasma (EDTA)	Parathyroid hormone	2-site sandwich chemiluminescent immunoassay	GUH
Serum, plasma (lithium heparin)	Procalcitonin	2-site sandwich chemiluminescent immunometric assay	GUH
Serum	Progesterone	Competitive chemiluminescent immunoassay	GUH



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HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Serum	Prolactin	Siemens Atellica IM using the following methods: SOP BI1341 2-site sandwich chemiluminescent immunoassay	GUH
Serum	Sex Hormone Binding Globulin (SHBG)	2-site sandwich chemiluminescent immunoassay	GUH
Serum	Syphilis Total Antibody	Sandwich chemiluminescent immunoassay	RGH
Serum	Testosterone	Competitive chemiluminescent immunoassay	GUH
Serum; plasma (lithium heparin)	Thyroid stimulating hormone (TSH)	Antibody-capture chemiluminescent immunoassay	GUH RGH NHH
Serum, plasma (EDTA)	Vitamin D	Competitive chemiluminescent immunoassay.	GUH
Serum	Vitamin B12	Competitive chemiluminescent immunoassay.	GUH RGH NHH
Blood	By calculation: Kappa lambda ratio	LF8334	GUH



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Blood (EDTA whole blood)	ESR	Automated method using: Starrsted Interliner SOP HA8012	GUH
		Starrsed Autocompact (Westergren) SOP HA8012	GUH
		Starrsed Autocompact (Westergren) SOP HA5041	NHH
Plasma (EDTA)	Plasma Viscosity	Benson Viscometer BV200 mk 3 using viscometry SOP HA8019	GUH
Blood (EDTA whole blood)	Full blood count : Haemoglobin White blood cell count Red blood count Platelet count Haematocrit Mean cell volume Mean cell haemoglobin Mean cell haemoglobin concentration Neutrophil count Lymphocyte count Monocyte count Eosinophil count Basophil count Reticulocyte count Nucleated red cells	<p>Sysmex XN9000 incorporating 4 X10 analysers SOP HA0101, HA0102</p> <p>Sysmex XN2000 incorporating 2 X10 analysers SOP HA7956</p> <p>Sysmex XN9100 line incorporating 5 x XN10 analysers SOP HA8018</p> <ul style="list-style-type: none"> <li>• Fluorescence flow cytometry</li> <li>• Impedance</li> <li>• Spectrophotometry</li> <li>• Hydrodynamic focussing</li> </ul>	<p>RGH</p> <p>NHH</p> <p>GUH</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis</u> (Cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Blood (EDTA whole blood)	Peripheral blood film assessment and identification of normal and abnormal morphologies including WBC differential count	Automated staining & Manual Microscopy using: Sysmex SP10 Using Romanowsky, Giemsa and May Grunwald stain SOP HA7985 HA 7997	RGH
Bone marrow aspirates and trephines	Bone marrow assessment for cell numbers, types, cellular components and morphology	Sysmex SP10 Using Romanowsky, Giemsa and May Grunwald stain SOP HA7985 HA 7997	NHH
		Automated staining & Microscopy using: Sysmex SP10 (RGH and NHH) using Romanowsky, Giemsa & May Grunwald stain SOP HA7982	RGH NHH GUH
		Sysmex SP50 (GUH) using Romanowsky, Giemsa & May Grunwald stain SOP HA8015	
		Manual Perls' stain SOP HA7978	
Blood (EDTA whole blood)	Peripheral Blood Film assessment and identification of normal and abnormal morphologies including WBC differential count	Manual microscopy using Nikon microscope following automated staining using Sysmex SP500-Romanowsky, Giemsa & May Grunwald stain SOP HA8015 HA7997	GUH
Blood (EDTA/ Citrated whole blood)	Differential count of white blood cells (WBC), characterisation of red blood cell (RBC) morphology and platelet estimation.	Sysmex D160 Digital imaging system HA8016	GUH
Blood (EDTA whole blood)	Screening for the detection of <i>Plasmodium falciparum</i> and Plasmodium spp. including: <i>Plasmodium Ovale</i> <i>Plasmodium falciparum</i> <i>Plasmodium Malariae</i> <i>Plasmodium vivax</i>	Carestart ROPYDTEST Malaria Antigen test SOPBS0062	RGH NHH GUH
		Lateral flow antigen detection.	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Blood (EDTA whole blood)	Detection and Identification of Plasmodium species: <i>Falciparum</i> <i>P.vivax</i> <i>P.ovale</i> <i>P.malariae</i> <i>P knowlesi</i>	Thin peripheral films Automated staining & Microscopy using: Automated staining using Sysmex SP50 Method: Romanowsky stains HA 8015 (SP50 GUH)	GUH
Blood serum/plasma (EDTA)	Infectious mononucleosis heterophile antibodies	Clearview IM II immuno-chromatographic Immunoassay kit  SOP HA7980	GUH RGH NHH
Blood (EDTA whole blood)	Haemoglobin S	Solubility Screen using Sickledex Test Kit, sodium hydrosulphite and PBS Buffer Solution SOP HA 7979	GUH RGH NHH



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Plasma (Citratd)		Sysmex CN6000 SOP HA8034	GUH
		Sysmex CN3000 SOP HA8034	RGH
		Sysmex CN3000 SOP HA8034	NHH
	Coagulation screen: Prothrombin time APTT Fibrinogen	Clotting time method (Optical Absorbance and kinetic optical density) SOP HA8036	RGH GUH NHH
	Thrombin time	Using absorbance and kinetic optical density. SOP HA7941	GUH
	Rivaxaban Apixaban	Using chromogenic assay SOP HA2055	GUH
Plasma (Citratd)	INR	Clotting time method (Optical Absorbance and kinetic optical density) SOP HA8036	RGH GUH NHH
Plasma (Citratd)	D-dimer	Immunoturbidimetric assay SOP HA8036	RGH GUH NHH
Plasma (Citratd)	Heparin assays	Chromogenic assay SOP HA2055	GUH



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Plasma (Citratd)	Lupus anticoagulant screen: LA1 LA2 Lupus sensitive APTT (FSL)	Clotting time assay (Optical Absorbance and kinetic optical density)  SOP HA2053	GUH
Plasma (Citratd)	Thrombophilia screen: Protein c Protein s ATIII	Chromogenic, immunoturbidimetric assay  SOP HA7954	GUH RGH NHH
Blood (Citrate whole blood)	Platelet Function Test through measurement of blood flow	Sysmex PFA100  SOP BS0069	GUH



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HUMAN BODY FLUIDS (cont'd)	<u>Blood transfusion examination activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Blood red cells/plasma (EDTA)	Blood grouping A, B, O, Rh (D)	Automated method using Bio-Rad IH-500 using column agglutination SOP HA7961  Manual technique using gel column agglutination technique (Bio-Rad) SOP HA3025	GUH
Plasma (EDTA)	Antibody screens -Rh group -Kell -Duffy -Kidd -Lewis -P -MNSs -Lutheran -Xg	Automated method using Bio-Rad IH-500 using column agglutination SOP HA7961  Manual technique using gel column agglutination technique (Bio-Rad) SOP HA3025	GUH
Blood (EDTA whole blood)	Rhesus/Kell typing	Automated method using Bio-Rad IH-500 using column agglutination SOP HA7961  Manual technique using gel column agglutination technique (Bio-Rad) SOP HA3025 HA3004 Positive Antibody Screen Investigation	GUH
Plasma (EDTA)	Antibody identification panels for Rh: D,C,E, c, e, C <sup>w</sup> . Kell: K, k, Kp <sup>a</sup> , Kp <sup>b</sup> Duffy: Fy <sup>a</sup> , Fy <sup>b</sup> Kidd: Jk <sup>a</sup> , Jk <sup>b</sup>  Lewis: Le <sup>a</sup> , Le <sup>b</sup> P; P <sub>1</sub> MNS: M,N,S,s Lutheran: Lu <sup>a</sup> , Lu <sup>b</sup> Xg: Xg <sup>a</sup>	Automated method using Bio-Rad IH-500 using column agglutination SOP HA7961 HA3004  Manual technique using gel column agglutination technique (Bio-Rad) SOP HA3025	GUH



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HUMAN BODY FLUIDS (cont'd)	<u>Blood transfusion examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions where relevant	
Plasma (EDTA)	Antibody screening post RAADP (routine ante-natal anti-D prophylaxis)	Automated method using Bio-Rad IH-500 using column agglutination SOP HA7961  Manual technique using gel column agglutination technique (Bio-Rad) SOP HA3025	GUH
Blood (EDTA whole blood)	Direct Coombs Test – detection of red cell bound antibodies	Automated method using Bio-Rad IH-500 using column agglutination SOP HA7961  Manual method SOP HA3025	GUH
Blood (EDTA whole blood)	Foetal/maternal haemorrhage screen (Kleihauer)	Clinitech kit using Shepard's 2-part stain (Modified Kleihauer Stain) Method: manual acid elution technique  SOP HA301	GUH
Plasma (EDTA)	Serological crossmatch	Automated method using Bio-Rad IH-500 using column agglutination SOP HA7961, HA5507  Manual serological crossmatch using gel column agglutination technique (Bio-Rad) SOP HA 3033	GUH
Donor Red Blood Cells		Electronic issue using Haemonetics- Haemobank storage unit and Blood Track Manager HA7996 LF9325 LFBB0077 Laboratory electronic issue HA5506	GUH RGH NHH YYF



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum</p>	<p><u>Immunological examination activities for the purpose of clinical diagnosis</u></p> <p>Total IgE Specific IgE: Mixed grasses- sweet-vernal, rye grass, timothy, cultivated rye and velvet grass</p> <p>Mixed moulds: Penicillium chrysogenum, Cadosporium herbarum, Aspergillus fumigatus, , Alternaria alternata</p> <p>Mixed trees: box-elder, silver birch, hazel, oak, and London plane Silver Birch Aspergillus fumigatus Dermatophagoides pteronyssinus Cat epithelium Dog dander Horse dander Budgerigar feathers Rabbit epithelium</p> <p>Latex Honey Bee Common wasp Egg white Wheat</p> <p>Soya White fish – cod Shrimp Tomato Peanut Hazelnut</p>	<p>In house documented methods incorporating manufacturers' instructions where relevant</p> <p>Phadia Immucap 200 analyser using sandwich immunoassay method HA8029 HA1028</p>	<p>GUH</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Immunological examination activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions where relevant	
Serum	Brazil nut Almond Coconut Cacao (chocolate) Pecan Cashew nut Pistachio Walnut Orange Strawberry Kiwi fruit Banana Lemon	Phadia Immucap 200 analyser using sandwich immunoassay method HA8029 HA1028	GUH
Serum	Cow's milk Cheese- Cheddar type		
Serum	Anti- nuclear Ab Liver Autoantibodies Anti Neutrophil Cyto plasmic Ab	Werfen Quantlyser 3000 using indirect immunofluorescence HA7999	GUH
Serum	Anti Intrinsic Factor Abs	Werfen Quanta Lyser Q3 using ELISA technique HA1037	GUH
Serum	Anti-Pemphigus/Pemphigoid Abs Anti-Islet cell Abs Anti IgA endomysial Abs Anti Crithidia lucillae (dsDNA)	Indirect Immunofluorescence using manual processing and UV microscope HA1112	GUH



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HUMAN BODY FLUIDS (cont'd)	<u>Immunological examination activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions where relevant	GUH
Serum		Werfen Bioflash using chemiluminescence HA8002 and	
	Anti-TTG IgA antibodies	HA1041	
	Anti-TTG IgG antibodies	HA1041	
	Anti-dsDNA Screen	HA1033	
	Anti -ENA screen	HA1034	
	Anti-ENA characterisation	HA1035	
	Anti-Cardiolipin antibodies IgM/IgG	HA1030	
	Anti-B2 GP1 and GP2 antibodies IgG/IgM	HA1032	
	Anti-CCP (MCV) antibodies	HA1043	
	Anti-GBM antibodies	HA1036	
END			