


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>8082</b></p> <p>Accredited to ISO 15189:2022</p>	<p align="center"><b>Hampshire Hospitals NHS Foundation Trust</b></p> <p align="center"><b>Issue No: 028    Issue date: 17 July 2025</b></p>	
	<p><b>Pathology</b></p> <p><b>Basingstoke &amp; North Hampshire Hospital</b></p> <p><b>Aldermaston Road</b></p> <p><b>Basingstoke</b></p> <p><b>RG24 9NA</b></p>	<p><b>Contact: Eloise Clarke</b></p> <p><b>Tel: +44 (0) 1256 262119</b></p> <p><b>E-Mail: <a href="mailto:eloise.clarke@hhft.nhs.uk">eloise.clarke@hhft.nhs.uk</a></b></p> <p><b>Website: <a href="http://www.hampshirehospitals.nhs.uk">www.hampshirehospitals.nhs.uk</a></b></p>

**Testing performed by the Organisation at the locations specified below**

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

#### Laboratory locations:

Location details	Activity	Location code
<p>Haematology &amp; Blood Transfusion Basingstoke &amp; North Hampshire Hospital Level B, Aldermaston Road Basingstoke RG24 9NA</p>	<p><b>Local contact</b> Karen Harrison</p> <p>Blood Transfusion Blood Transfusion Issue Fridge Coagulation Haematology</p>	BNHH
<p>Biochemistry Basingstoke &amp; North Hampshire Hospital Level B, Aldermaston Road Basingstoke RG24 9NA</p>	<p><b>Local contact</b> Karen Harrison</p> <p>Biochemistry Immunology</p>	BNHH
<p>Cellular Pathology Basingstoke and North Hampshire Hospital Aldermaston Road Basingstoke RG24 9NA</p>	<p><b>Local contact</b> Jeff Morrison</p> <p>Diagnostic cytology (receipt and reporting only) Frozen section Histopathology reporting OSNA Pathologist and BMS cut up</p>	BNHH
<p>Microbiology Basingstoke &amp; North Hampshire Hospital Level A, Aldermaston Road Basingstoke RG24 9NA</p>	<p><b>Local contact</b> Helen Denman</p> <p>Microbiology Molecular Mycology Serology</p>	BNHH
<p>Haematology &amp; Blood Transfusion Royal Hampshire County Hospital Romsey Road Winchester SO22 5DG</p>	<p><b>Local contact</b> Karen Harrison</p> <p>Blood Transfusion Blood Transfusion Issue Fridge Coagulation Haematology</p>	RHCH
<p>Biochemistry Royal Hampshire County Hospital Romsey Road Winchester SO22 5DG</p>	<p><b>Local contact</b> Karen Harrison</p> <p>Biochemistry</p>	RHCH
<p>Cellular Pathology Royal Hampshire County Hospital Romsey Road Winchester SO22 5DG</p>	<p><b>Local contact</b> Jeff Morrison</p> <p>Diagnostic cytology Frozen sections Immunocytochemistry OSNA Routine Histology</p>	RHCH



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Location details		Activity	Location code
Circle Health Basing Road Old Basing Basingstoke RG24 7AL	<b>Local contact</b> Karen Harrison	Blood Bank No testing occurs on this site, blood storage only	CHHC
Circle Health Sarum Road Hospital Winchester	<b>Local contact</b> Karen Harrison	Blood Issue Fridge No testing occurs on this site, blood storage only	CHRH



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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>	Documented in-house procedures and manufacturer's instructions	
Serum	Alkaline Phosphatase isoenzymes	Documented in-house procedures and manufacturer's instructions Sebia Hydrasys Electrophoresis LP-BIO-APIS	BNHH
Serum	Light Chains	Documented in-house procedures and manufacturer's instructions Binding Optilite Immunoturbidimetric LP-BIO-OPTILITE	BNHH
Serum	Osmolality	Documented in-house procedures and manufacturer's instructions Advanced Instruments Osmometer LP-BIO-MSOSMO	BNHH
Serum	Protein Immunofixation/ Immunotyping – quantitation of paraprotein type	Documented in-house procedures and manufacturer's instructions Sebia Capillarys and Sebia Hydrasys Electrophoresis LP-BIO-MSSEBIA	BNHH
Sweat only	Sweat Tests	Documented in-house procedures and manufacturer's instructions Westcor Iontophoresis and Conductivity LP-BIO-MSSWEAT	BNHH
CSF only	Xanthochromia	Documented in-house procedures and manufacturer's instructions Northstar Spectrophotometric LP-BIO-XANTH	BNHH RHCH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house procedures and manufacturer's instructions	
	Quantification of:	Documented in-house procedures and manufacturer's instructions for Phadia Immucap 250 LP-BIO-1250IMMUNOCAP Elisa method	BNHH
Serum	Extractable Antinuclear Antigen Screen	Phadia Immucap 250 LP-BIO-1250IMMUNOCAP Elisa method	BNHH
Serum	IgG to Aspergillus	Phadia Immucap 250 LP-BIO-1250IMMUNOCAP Elisa method	BNHH
	Quantification of:	Documented in-house procedures and manufacturer's instructions for Roche E801 – Electrochemiluminescence Immunoassay LP-BIO-8000OP	BNHH
Serum	25 Hydroxy Vitamin D		
Serum	Alpha-fetoprotein		
Serum	Anti-CCP		
Serum	Anti-thyroid peroxidase antibodies		
Serum	B12		
Serum	CA125		
Serum	CA15-3		
Serum	CA 19-9		
Serum	CEA		
Serum	Cortisol		
Serum	Digoxin		
Serum	Ferritin		
Serum	Folate		
Serum	FSH		
Serum	HCG (Non-Downs)		
Serum	LH		
Serum	Macroprolactin		
Serum	Nt Pro BNP		
Serum	Oestrodial		
Serum	Procalcitonin		
Serum	Progesterone		



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house procedures and manufacturer's instructions	
	Quantification of: (cont'd)	Documented in-house procedures and manufacturer's instructions for Roche E801 – Electrochemiluminescence Immunoassay LP-BIO-8000OP	BNHH
Serum	Prolactin		
Serum	PSA (Total)		
ETDA Plasma Only	PTH		
Serum	SHBG		
Serum	T3 (Free)		
Serum	T4 (Free)		
Serum	Testosterone		
Serum	Troponin T		
Serum	TSH (Routine)		
Serum unless otherwise stated	Quantification of:	Documented in-house procedures and manufacturer's instructions with specific reference Roche E801 LP-BIO-8000OP Electrochemiluminescence immunoassay	RHCH
	CA19.9		
	Cortisol		
	Digoxin		
	Ferritin		
	Folate		
	HCG (Non-Downs)		
	Procalcitonin		
	Progesterone		
	Troponin T		
	Vitamin B12		
	Vitamin D		
	T3 (Free)		
	T4 (Free)		
	TSH (routine)		
Urine and Blood	Osmolality	Advanced Instruments Osmometer LP-CHE-MSOSMO	RHCH



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures and manufacturer's instructions	BNHH
	Quantification of:	Documented in-house procedures and manufacturer's instructions for Roche Cobas c702 LP-BIO-8000OP	
Serum and Urine	Albumin	Immunoturbidimetric assay	BNHH
Serum	Alcohol (ethanol)	Spectrophotometric	
Serum	Alkaline Phosphatase	Spectrophotometric	
Serum	Alpha 1 antitrypsin	Immunoturbidimetric assay	
Serum	ALT	Spectrophotometric	
Plasma EDTA	Ammonia	Spectrophotometric	
Serum	Amylase	Spectrophotometric	
Serum	Angiotensin converting enzyme	Enzymatic	
Serum	AST	Spectrophotometric	
Serum	B2M	Immunoturbidimetric assay	
Serum	Bicarbonate	Spectrophotometric	
Serum	Bile Acids	Spectrophotometric	
Serum	Bilirubin (Conjugated)	Spectrophotometric	
Serum	Bilirubin (Total)	Spectrophotometric	
Serum, Urine	Calcium	Spectrophotometric	
Serum	Cholesterol	Spectrophotometric	
Serum and Urine	Chloride	Indirect ISE	
Serum	Complement C3	Immunoturbidimetric assay	
Serum	Complement C4	Immunoturbidimetric assay	
Serum, Urine	Creatinine	Enzymatic	
Serum	C-Reactive Protein	Particle-enhanced immunoturbidimetric assay	
CSF Fluoride Oxalate Only	CSF Glucose	Spectrophotometric	
CSF	CSF Protein	Spectrophotometric	
Serum	Caeruloplasmin	Turbidimetric	
Serum	Gamma Glutamyl Transferase	Spectrophotometric	
Serum	Gentamicin	EMIT	
Fluoride Oxalate Plasma Only and Urine	Glucose	Spectrophotometric	
Serum	HDL	Spectrophotometric	BNHH
Serum	IgA	Immunoturbidimetric assay	
Serum	IgG	Immunoturbidimetric assay	
Serum	IgM	Immunoturbidimetric assay	
Serum	Iron	Spectrophotometric	
Fluoride Oxalate Plasma Only	Lactate	Spectrophotometric	
Serum	LDH	Spectrophotometric	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures and manufacturer's instructions	BNHH
	Quantification of: (cont'd)	Documented in-house procedures and manufacturer's instructions for Roche Cobas c702 LP-BIO-8000OP	
Serum	Lithium	Spectrophotometric	BNHH
Serum and Urine	Magnesium	Spectrophotometric	
Serum	Paracetamol	Spectrophotometric	
Serum	Phenobarbitone	EMIT	
Serum	Phenytoin	EMIT	
Serum and Urine	Phosphate	Spectrophotometric	
Serum and Urine	Potassium	Indirect ISE	
Serum	RF	Immunoturbidimetric assay	
Serum	Salicylate	Spectrophotometric	
Serum and Urine	Sodium	Indirect ISE	
Serum and Urine	Total Protein	Spectrophotometric	
Serum	Transferrin	Immunoturbidimetric assay	
Serum	Theophylline	EMIT	
Serum	Triglyceride	Spectrophotometric	
Serum and Urine	Urea	Spectrophotometric	
Serum and Urine	Uric acid	Spectrophotometric	
Serum	Valproate	EMIT	
Serum	Vancomycin	EMIT	
	Quantification of:	Documented in-house procedures and manufacturer's instructions Roche Cobas c702 module LP-CHE-8000OP	RHCH
Urine	Albumin	Immunoturbidimetric	
Serum	Albumin	Spectrophotometric	
Serum	Alcohol (Ethanol)	Spectrophotometric	
Serum	Alkaline phosphatase	Spectrophotometric	
Serum	ALT	Spectrophotometric	
Serum	Ammonia	Spectrophotometric	
Serum and Urine	Amylase	Spectrophotometric	
Serum	AST	Spectrophotometric	
Serum	Bicarbonate	Spectrophotometric	
Serum	Bile Acids	Spectrophotometric	
Serum	Bilirubin (Total)	Spectrophotometric	
Serum	Calcium	Spectrophotometric	
Serum	Cholesterol	Spectrophotometric	
Serum and Urine	Chloride	Indirect ISE	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures and manufacturer's instructions	RHCH
	Quantification of: (cont'd)	Documented in-house procedures and manufacturer's instructions Roche Cobas c702 module LP-CHE-8000OP	
Serum	CK (Creatine Kinase)	Spectrophotometric	RHCH
Serum	C-Reactive Protein	Immunoturbidometric	
Urine	Creatinine	Enzymatic	
Serum	Creatinine	Spectrophotometric	
CSF	CSF Protein	Spectrophotometric	
Serum	Direct Bilirubin	Spectrophotometric	
Serum	Gamma Glutamyl Transferase	Spectrophotometric	
Serum	Gentamicin	Spectrophotometric	
Serum	Glucose	Spectrophotometric	
Serum	HDL	Spectrophotometric	
Serum	Iron	Spectrophotometric	
Serum	Lactate	Spectrophotometric	
Serum	LDH	Spectrophotometric	
Serum	Lithium	Spectrophotometric	
Serum and Urine	Magnesium	Spectrophotometric	
Serum	Paracetamol	Spectrophotometric	
Serum and Urine	Phosphate	Spectrophotometric	
Serum and Urine	Potassium	Indirect ISE	
Serum	Salicylate	Spectrophotometric	
Serum and Urine	Sodium	Indirect ISE	
Blood	Teicoplanin	Spectrophotometric	
Blood	Total Protein	Spectrophotometric	
Serum	Triglyceride	Spectrophotometric	
Serum	Transferrin	Immunoturbidometric	
Serum and Urine	Urea	Spectrophotometric	
Serum and Urine	Uric Acid	Spectrophotometric	





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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures and manufacturer's instructions	
Serum unless otherwise stated	Quantification of:  Anti-ccp Anti-dsDNA antibodies Anti-Glomerular Basement Membrane antibodies Anti-myeloperoxidase antibodies Anti-proteinase 3 antibodies Coeliac Screen by immunoassay for TTG Connective tissue Disease antibody screen	Documented in-house procedures and manufacturer's instructions Werfen Analyser; Bioflash Chemiluminescence LP-BIO-Bioflash	BNHH
Faeces	Faecal Immunochemical Test  <u>General Blood Transfusion</u>	Mast Diagnostics OC Sensor Pledia LP-BIO-PLEDIA  Documented in-house procedures with manufacturer's instructions.	BNHH
EDTA plasma	Antibody panels Antigens of the following systems: Duffy – Fy <sup>a</sup> , Fy <sup>b</sup> Kell – K, Kpa Kidd – JK <sup>a</sup> , Jk <sup>b</sup> Lewis – Le <sup>a</sup> , Le <sup>b</sup> Lutheran – Lu <sup>a</sup> , P, P <sup>1</sup> MNS M, N, S, s P – P <sup>1</sup> Rh – C,D,E,c,e, C <sup>w</sup> Xg Xg	IH500 by immunohaematological gel card technologies, using IBG and NHSBT Panels LP-TRA-IH500USE	BNHH RHCH
EDTA whole blood	Rhesus and K phenotyping Kell - K Rh – C, D, E, c, e	BioRad IH500 by immunohaematological gel card technologies LP-TRA-IH500USE	BNHH RHCH



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HUMAN BODY FLUIDS (cont'd)	<u>General Blood Transfusion (cont'd)</u>	Documented in-house procedures with manufacturer's instructions.	
EDTA whole blood	Blood Group and Antibody Screen ABO and RhD systems: AB Rh D Negative AB Rh D Positive A Rh D Positive A Rh Negative B Rh D Positive B RhD Negative O Rh D Negative O Rh D Positive	LP-TRA-IH500USE using Bio-Rad IH-500 analyser and immunohematological gel card technologies	BNHH RHCH
EDTA whole blood	Direct Antiglobulin Test / Direct Coombs Test (DCT)	LP-TRA-DCT using Bio-Rad IH-500 analyser and immunohematological gel card technologies	BNHH RHCH
EDTA plasma	Electronic Cross Match	LP-TRA-EISSUE	BNHH RHCH
EDTA plasma	Full Cross Match (full IAT crossmatch)	In-House method LP-TRA-IATXM using BioRad Gel cards	BNHH RHCH
EDTA whole blood	Kleihauer	LP-TRA-KL using Guest Medical Kit Kleihauer stain and light microscopy	BNHH RHCH
EDTA whole blood	Rhesus and K phenotyping Kell - K Rh – C, D, E, c, e	BioRad IH500 by immunohaematological gel card technologies LP-TRA-IH500USE	BNHH RHCH



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HUMAN BODY FLUIDS (cont'd)	<u>General Haematology</u>	Documented in-house procedures with manufacturer's instructions.	
Citrated plasma	APTT	LP-HAE-STARRGTLOAD using Stago STA-R-Max2 – Mechanical	BNHH RHCH
EDTA Whole Blood	Blood film staining– detecting microscopic cell contents	Beckman Coulter slide -maker-stainer Automated film staining LP-HAE-SMS	BNHH RHCH
Bone marrow aspirate	Bone Marrow Film staining – detecting microscopic cell contents and structure	Beckman Coulter slide -maker-stainer Automated film staining LP-HAE-SMS	BNHH RHCH
Citrated plasma	D-Dimer	LP-HAE- Stago STA-R-Max2 immunological	RHCH
EDTA Whole Blood	Erythrocyte sedimentation rate (ESR)	LP-HAE-0141 and LP-HAE-0318 using StaRRsed RS Autocompact analyser using Westergren Principle LP-HAE-ESRUSE SOP LP-HAE-ESRMAIN Maintenance	BNHH
Citrated plasma	Fibrinogen	LP-HAE- STARRGTLOAD using Stago STA-R-Max2 – Mechanical	BNHH RHCH
EDTA Whole Blood	Full blood count:  Basophil count Eosinophil count Haematocrit Haemoglobin Hypochromic RBC % Large unstained cells Lymphocyte count MCH MCHC MCV Monocyte count Neutrophil count Platelet count RDW Red blood cell count White blood cell count	Beckman Coulter analyser DxH900: Coulter Principle  LP-HAE-DxH900BODY Body Fluid automated count LP-HAE-DxH900MAIN DxH900 maintenance LP-HAE-DxH900ROUTINE DxH900 Checking and loading samples LP-HAE-DXH900VAL	BNHH RHCH



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HUMAN BODY FLUIDS (cont'd)	<u>General Haematology</u> (cont'd)	Documented in-house procedures with manufacturer's instructions.	
EDTA Plasma or serum	Glandular fever heterophil IgM antibody (infectious mononucleosis)	LP-HAE-GF using ACCUSAY Mono Kit	BNHH RHCH
EDTA Whole Blood	Quantification of (%): HbA HbA2 HbF  Identification of: HbS HbD HbE HbC	Documented in-house methods to meet the requirements of the Sickle cell and Thalassaemia (SCT) screening programme as defined in the laboratory QA evidence requirements:  Haemoglobinopathy Primary Screening: Tosoh G11 by HPLC Technology LP-HAE-TOSOH-HBO	BNHH
	<u>Quantification of (%):</u> <u>HbA</u> <u>HbA2</u> <u>HbF</u>  <u>Identification of:</u> <u>HbS</u> <u>HbD</u> <u>HbE</u> <u>HbC</u>	Haemoglobin Variant Confirmation: Sebia: Hydrasys 2 Scan Electrophoresis LP-HAE-0178 Capillarys	BNHH
EDTA Whole Blood	HBA1c	Tosoh G11 by HPLC Technology LP-HAE-TOSOH-HBA1C	BNHH
		LP-HAE-0175 HbA1c Analysis	BNHH
EDTA Whole Blood	HLA-B27	LP-COA-HLAB27 using BD Biosciences FACSCanto II flow cytometry	BNHH
Citrated plasma	INR	LP-HAE- STARRGTLOAD using Stago STA-R-Max2– Mechanical/optical	BNHH RHCH



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HUMAN BODY FLUIDS (cont'd)	<u>General Haematology</u> (cont'd)	Documented in-house procedures with manufacturer's instructions.	
EDTA Plasma or serum	Sickle cell solubility	LP-HAE-0133 using Microgen solubility test	BNHH RHCH
EDTA Whole Blood	Sickle cell solubility	Helena Sickel Cell Solubility LP-HAE-SICKLE	BNHH RHCH
EDTA Whole Blood	Lymphocyte subsets T, B, & L including subsets	LP-HAE-0505 using BD Biosciences FACSCanto II flow cytometry	BNHH
EDTA Whole Blood	Reticulocytes	Beckman Coulter DxH900 by VCS 360 technology LP-HAE-DxH900Retic LP-HAE-DXH900VAL LP-HAE-DxH900MAIN	BNHH RHCH
EDTA Whole Blood	Malaria Blood Film to detect Malaria parasites	LP-HAE-AEROSPRAY using Aerospray Haematology Pro implementation slide stainer and May-Grunwald Giemsa stain Beckman Coulter automated stainer LP-HAE-SMS DxH slide makers stainer II using May-Grunwald-Giemsa	BNHH RHCH
EDTA Whole Blood	Malaria rapid antigen test	Care US RDT kit, SOP; LP-HAE-0122 LP-HAE-MALARIA	BNHH RHCH
EDTA Whole Blood	Malaria Thick Film to detect malaria parasites	LP-HAE-0122 Manual method Fields stain Microscopy	BNHH RHCH
Citrated plasma	Prothrombin time	LP-HAE- STARRGTLOAD using Stago STA-R-Max2 – Mechanical/optical	BNHH RHCH
Citrated plasma	Thrombin time	LP-HAE- STARRGTLOAD using Stago STA-R-Max2 – Mechanical	BNHH RHCH



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u>		
Serum	Detection of:  Anti-endomysial antibodies – IgG and IgA Anti-nuclear antibodies on Hep2 cell slides Gastric parietal cell IgG antibody Liver autoantibodies IgG on rodent tissue Skin autoantibodies IgG	Manual Indirect immunofluorescence using Fluorescence microscopy (Nikon Eclipse 50i) LP-BIO-IMMFL	BNHH
Serum	Quantitative Allergy testing  Almond Apple Aspergillus Avocado Banana Barley Bee Beef Birch Blue Mussel Brazil nuts Cacao Cagebirds mix Cashew Ana o3 Cashew nuts Cat epithelium Cereal mix Cheese - Cheddar Cheese - Mould type Cherry Chicken Chickpea Coconut Codfish Crab Dog dander	ImmunoCap using Phadia 250 SOP LP-BIO-I250SIGE  f20 f49 m3 f96 f92 f6 i1 f27 t3 f37 f18 f93 ex72 f443 f202 e1 fx20 f81 f82 f242 f83 f309 f36 f3 f23 e5	RHCH



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures with manufacturer's instructions.	
Serum (cont'd)	Quantitative Allergy testing (cont'd)	ImmunoCap using Phadia 250 SOP LP-BIO-I250SIGE	RHCH
	Egg Gal d1	f233	
	Egg Gal d2	f232	
	Egg white	f1	
	Egg (Whole)	f245	
	Egg yolk	f75	
	Fish mix	fx74	
	Food mix	fx5	
	Gluten	f79	
	Grape	f259	
	Grass pollen mix	gx3	
	Guinea Pig	e6	
	Hamster	e84	
	Hazelnut	f17	
	Hazelnut Cor a1	f428	
	Hazelnut Cor a8	f425	
	Hazelnut Cor a9	f440	
	Hazelnut Cor a14	f439	
	Horse dander	e3	
	House Dust Mite	d1	
	Kiwi	f84	
	Latex	k82	
	Maize	f8	
	Milk	f2	
	Milk Bos d4	f76	
	Milk Bos d5	f77	
	Milk Bos d8	f78	
	Mould mix	mx1	
	Mugwort	w6	
	Nuts mix (fx1)	fx1	
	Nuts mix (fx22)	fx22	
	Oat	f7	
	Omega 5 Gliadin	f416	
	Oranges	f33	
	Paprika	f218	
	Pea	f12	
	Peanut	f13	
	Peanut Ara h1	f422	
	Peanut Ara h2	f423	
	Peanut Ara h3	f424	



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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>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures with manufacturer's instructions.	
Serum (cont'd)	Quantitative Allergy testing (cont'd)	ImmunoCap using Phadia 250 SOP LP-BIO-I250SIGE	RHCH
	Peanut Ara h6	f447	
	Peanut Ara h8	f352	
	Peanut Ara h9	f427	
	Pear	f94	
	Pecan nuts	f201	
	Penicillin G	c1	
	Penicillin V	c2	
	Pine Nuts / pignoles	f253	
	Pistachio nuts	f203	
	Plum	f255	
	Pork	f26	
	Potato	f35	
	Prawns (Shrimp)	f24	
	Rabbit	e82	
	Rape	w203	
	Rice	f9	
	Rodents mix	ex70	
	Rye	f5	
	Salmon	f41	
	Seafood mix	fx2	
	Sesame seeds	f10	
	Soya	f14	
	Strawberry	f44	
	Tomatoes	f25	
	Tree pollen mix	tx8	
	Tuna	f40	
	Walnuts	f256	
	Walnut Jug r1	f441	
	Walnut Jug r3	f442	
	Wasp venom	i3	
	Weed pollen mix	wx3	
	Wheat	f4	
	Yeast	f45	
Faeces	Quantitative detection Faecal calprotectin	ELIA on Phadia 250 SOP LP-BIO-CPRO	BNHH
Serum	Quantitative detection of Intrinsic Factor Antibodies	ELIA on Phadia 250 SOP LP-BIO-IFAB	BNHH





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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures with manufacturer's instructions.	
Serum	Total IgE	Fluoroenzymeimmunoassay on Phadia 250 SOP LP-BIO-I250OPERATION	BNHH
	<u>Special Coagulation</u>	Documented in-house procedures with manufacturer's instructions	BNHH
Citrated plasma	Anti-cardiolipins antibodies – IgG and IgM	DYNEX DSX automated ELISA platform LP-COA-ACL	BNHH
Citrated plasma	Anti β2 GPI antibodies – IgG and IgM	DYNEX DSX automated ELISA platform LP-COA-B2GPI	BNHH
Citrated plasma	Antithrombin antigen	LP-COA-LIAATAG using STA-R-Max 2 immunological assay	BNHH
Citrated plasma	Anti Xa	LP-COA-STARFACT using Stago STA-R-Max2Stago-R-Max chromogenic	BNHH
Citrated plasma	Dabigatran-anti IIa	LP-COA-STARDABIG using Stago STA-R-Max2 chromogenic	BNHH
Citrated plasma	Factor assays:  Factor II Factor V Factor VII Factor VIII (chromogenic) Factor VIII (clotting)	LP-COA-STARFACT using STA-R-Max2 chromogenic/mechanical	BNHH
Citrated plasma	Factor VIII Inhibitor	LP-COA-STARF8IN using Stago STA-R-Max2 mechanical	BNHH
Whole Blood	Factor VIII Inhibitory and non-inhibitory antibodies (ELISA)	LP-COA-F8INHIBT4 using Triturus T4 ELISA	BNHH
Whole Blood	Factor V Leiden Prothrombin gene mutation	LP-COA-FVLPTMU using Cepheid GeneXpert PCR	BNHH



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HUMAN BODY FLUIDS (cont'd)	<u>Special Coagulation</u> (cont'd)	Documented in-house procedures with manufacturer's instructions	
Whole Blood	Factor IX (clotting)	LP-COA-STARFACT using STA-R-Max2 chromogenic/mechanical	BNHH
Whole Blood	Factor IX (chromogenic)	LP-COA-STARF9CC Stago STA-R-Max2 chromogenic using Biophen reagent	BNHH
Whole Blood	Factor IX (Inhibitor)	LP-COA-STARF9IN using Stago STA-R-Max2 mechanical	BNHH
Whole Blood	Factor X Factor XI Factor XII	LP-COA-STARFACT Stago STA-R-Max2 chromogenic using Sysmex reagent	BNHH
Whole Blood	Factor XIII	LP-COA-FXIII Stago DT100 chromogenic using Sysmex reagent	BNHH
Citrated plasma	Fibrinogen antigen	LP-COA-LIAFIBAG using Immunological assay on STA-R-Max2	BNHH
Citrated plasma	FVIII Emicizumab assay	LP-COA-STAF8EMI using Stage STA-R-Max2 clotting	BNHH
Citrated plasma	Homocysteine	LP- COA-HCY using Stago DT100 chromogenic/optical using IL reagent	BNHH
Citrated plasma	Heparin Induced Thrombocytopenia (HITS)	DYNEX DSX automated ELISA platform LP-COA- -HITS	BNHH
Citrated plasma	Lupus screen: Dilute APTT for Lupus Anticoagulant Screen and confirm	LP-COA-STARDAPT using Stago STA-R-Max2 clotting	BNHH
Whole Blood	PFA	LP-COA-PFA using Sysmex PFA200	BNHH
Citrated plasma	Platelet aggregation	LP-COA-PLTAGG using Stago TA-8V aggregometer – optical	BNHH



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HUMAN BODY FLUIDS (cont'd)	<u>Special Coagulation</u> (cont'd)	Documented in-house procedures with manufacturer's instructions	
Citrated Plasma	Protein C antigen	DYNEX DSX automated ELISA platform LP-COA-DSXCAG	BNHH
Citrated plasma	Reptilase	LP-COA-STARREPTILASE using Stago STA-R-Max2 mechanical	BNHH
Citrated plasma	Thrombin generation	LP-COA-TGA Stago CAT analyser-fluorescence	BNHH
Citrated whole blood	Thromboelastography	LP-COA-ROTEM-, Rotem, Thromboelastography	BNHH
Citrated plasma	Thrombophilia screen: Alpha-2-antiplasmin Antithrombin activity APC resistance Free protein S Plasminogen Protein C activity	LP-COA-STARTHROM using Stago-R-Max STA-R-Max2- chromogenic/optical, immunological	BNHH
Citrated plasma	Von Willebrand's collagen binding assay	LP-COA-VWFCB using Dynex DSX	BNHH
Citrated plasma	Von Willebrand's Factor VIII binding assay	DYNEX DSX automated ELISA platform LP-COA-DSXVWF	BNHH
Citrated plasma	Von Willebrand's VWF multimers	LP-HAE-VWFMULT Electrophoresis Sebia Hydrasys	BNHH
Citrated plasma	Von Willebrand's Ristocetin Co Factor activity	LP-COA-VWFSTARMAX using Stago STA-R-Max2 photometry	BNHH
Citrated plasma	Von-Willebrand's screen: VWF antigen	LP-COA-STARFACT using STA-R-Max2 chromogenic/mechanical	BNHH
Citrated whole blood	Whole Blood Aggregation	LP-COA-ATPS using Chronolog-Whole blood aggregation with luminescence with nucleotide release	BNHH



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<b>HUMAN TISSUES AND FLUIDS</b>  Fixed and fresh cellular material and body fluid samples, prepared slides, fine needle aspirates and brushings:  Unfixed Preparations: aspirates, body fluids, brushings, CSFs, sputum, urine, washings Wet fixed preparations: brushings, EUSFNA Air Dried Preparations: Body fluids, CSFs FNA Wet Fixed Preparations: Breast, brushings, EUSFNA, lymph nodes, thyroid FNA Air Dried Preparations: Breast, lymph nodes, EUSFNA, thyroid  Fixed and fresh cellular material and body fluid samples, prepared slides, fine needle aspirates and brushings:	<u>Diagnostic Cytopathology</u>  Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis	<u>Diagnostic cytology</u> In-house documented procedures in conjunction with manufacturer's instructions using:  Sample preparation (Hettich Rotina Centrifuge & Shandon Cytopsin 4) LP-CYT-CLOTS LP-CYT-FLUIDS	RHCH
	Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis	Diagnostic cytology In-house documented procedures in conjunction with manufacturer's instructions using:	
	Morphological assessment and interpretation/diagnosis	Microscopy (qualitative analysis) In-house procedures using light microscopy: LP-CYT-SCRDC	RHCH BNHH



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<p><b>HUMAN TISSUES AND FLUIDS (cont'd)</b></p> <p>Fixed and fresh cellular material and body fluid samples, prepared slides, fine needle aspirates and brushings:</p> <p>Unfixed Preparations: aspirates, body fluids, brushings, CSFs, sputum, urine, washings Wet fixed preparations: brushings, EUSFNA Air Dried Preparations: Body fluids, CSFs FNA Wet Fixed Preparations: Breast, brushings, EUSFNA, lymph nodes, thyroid FNA Air Dried Preparations: Breast, lymph nodes, EUSFNA, thyroid</p>	<p><u>Diagnostic Cytopathology (cont'd)</u></p> <p>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis</p> <p>Visualisation of nuclear detail in cells present</p>	<p><u>Diagnostic cytology</u> In-house documented procedures in conjunction with manufacturer's instructions using:</p> <p>LP-CYT-EQUIPUSE LP-CYT-STAIN</p>	RHCH
FFPE tissue samples and cell blocks	<p><u>Histopathological examination of tissues for the purpose of diagnosis</u></p> <p>All tissue components: Cytoplasm Fibrin Muscle fibres Nuclei Red blood cells</p>	<p>Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):</p> <p>Automated Routine Haematoxylin &amp; Eosin staining using: Sakura H&amp;E staining machine Sakura Prisma and Coverfilm LP-HIS-PRISMA</p>	RHCH
Frozen section	<p>All tissue components: Cytoplasm Fibrin Muscle fibres Nuclei Red blood cells</p>	<p>Manual H&amp;E staining using: LP-HIS-FROZEN</p>	BNHH



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<b>HUMAN TISSUES AND FLUIDS (cont'd)</b>	<u>Histopathological examination of tissues for the purpose of diagnosis (cont'd)</u>	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):	
FFPE tissue samples and cell blocks and frozen sections	All tissue components: Cytoplasm Fibrin Muscle fibres Nuclei Red blood cells	Manual H&E staining using: LP-HIS-PRISMA	RHCH
Fixed, fresh and frozen tissue samples: excisional and incisional biopsies and surgical resections	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of clinical diagnoses.	Decalcification using: LP-HIS-DECALC	RHCH BNHH
		Embedding using: Sakura Tissue Embedding Centres LP-HIS-EMBEDHHFT	RHCH
		Frozen sections using: Cryostar NX50 (Thermo Fisher) LP-HIS-FROZENHHFT WI-HIS-NX50	RHCH
		Frozen sections using: Cyrostar NX70 Cryostat LP-HIS-FROZENHHFT WI-HIS-FROZEN	RHCH
		Macroanalysis, Specimen dissection using: LP-HIS-BMSCUTUP LP-HIS-CONCUT	RHCH BNHH
Fixed, fresh and frozen tissue samples: excisional and incisional biopsies and surgical resections	Examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of clinical diagnoses.	Microtomy and slide production using: Leica rotary microtomes LP-HIS-MICROTOMY WI-HIS-MICROTOMY	RHCH
		Tissue processing using: LP-HIS-VIP	RHCH



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Histopathological examination of tissues for the purpose of diagnosis (cont'd)</u>	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):	
FFPE tissue samples and cell blocks	Special staining for identification of:	Automated Special staining using: Sakura Prisma AB/PASD PAS/D LP-HIS-PRISMA	RHCH
	Acid mucins and neutral mucins		
	Special staining for identification of:	Automated staining using Roche Ventana BenchMark Special Stains LP-HIS-BSS	RHCH
	Mycobacterium tuberculosis	AFB	
	Amyloid	Congo Red (BMS and non-BMT protocols)	
	Fungal spores/hyphae	GMS II (Grocott)	
	Haemosiderin	Iron	
	Membrane staining	PAS	
	Membrane staining	PASD	
	Reticulin	Reticulum (BMT and non-BMT protocols)	
	Smooth muscle and collagen	Trichrome (MASTRI)	
	Special staining for identification of:	Special staining using manual techniques	RHCH
	Acid fast Bacilli	Ziehl Neelsen (ZN) WI-HIS-ZN	RNCH
	Acid mucins and neutral mucins	Alcian Blue Periodic Acid Schiff (AB PAS) +/- Diastase WI-HIS-ABPAS	RHCH
	Amyloid	Congo Red WI-HIS-ALKCR	RHCH
	Connective tissue	Masson Trichrome WI-HIS-MASSTRI	RHCH
	Copper associated protein / HepBsAg	Shikata's Orcein WI-HIS-SHIKATA	RHCH
	Demonstration of iron	Perls WI-HIS-PERLS	RHCH
	Differentiate between gram positive and negative bacteria	Gram WI-HIS-GRAM	RHCH



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathological examination of tissues for the purpose of diagnosis</u> (cont'd)	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):	
FFPE tissue samples and cell blocks (cont'd)	Differentiation of collagen from other connective tissues	Van Gieson Stain WI-HIS-hvg	RHCH
	Elastin and connective tissue	EVG - Miller's Elastic Van Gieson WI-HIS-EVG	RHCH
	Helicobacter Pylori	Giemsa WI-HIS-GIEMSA	RHCH
	<u>Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis</u>	Automated Immunohistochemical staining - Documented in house methods	
	Anaplastic lymphoma Kinase	ALK-1	RHCH
	Assessment of HER2 receptor status in invasive breast carcinomas	Her2 (4B5)	RHCH
	Assessment of receptor expression invasive breast carcinomas	Oestrogen Receptor (ER) PR	RHCH
	B-cells and monocytes	CD23	RHCH
	B cells in mantle zone and interfollicular T cells	BCL-2	RHCH
	B-cell neoplasms	CD79A	RHCH
		Automated Immunohistochemical staining using Roche Ventana Ultra- Documented in-house methods	
	Plasma cells, B-cells and activated T-cells	MUM1	RHCH
	Tumour suppressor gene	P53	RHCH
	Melanocytic lineage	SOX-10	RHCH





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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)</u>	Automated Immunohistochemical staining - LP-HIS-IHC	
FFPE tissue samples and cell blocks (cont'd)	B-cells (precursors and mature)	CD20	RHCH
	B & T-cell malignancies	CD5	RHCH
	Cell cycle regulation. Identification of mantle cell lymphomas	Cyclin D1	RHCH
	Cells in active phases of the cell cycle. Classification of a variety of tumours	KI-67	RHCH
	Cells of mesenchymal origin and tumours of mesenchymal origin	Vimentin	RHCH
	Cells of neuroendocrine origin	CHROMOGRANIN A	RHCH
	Cells of neuronal and neuroendocrine origin.	NSE	RHCH
	Classification of tumours in central and peripheral nervous system, malignant melanocytic tumours, malignant melanoma metastasis	S100	RHCH
	Diagnosis of high grade cervical intraepithelial neoplasia, oropharyngeal squamous cell carcinomas	P16	RHCH
	Early lymphoid cells and various non-lymphoid cells. Aids identification of Burkitt lymphoma and renal cell carcinomas	CD10	RHCH
	Endothelial cells	CD31	RHCH



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)</u>	Automated Immunohistochemical staining - LP-HIS-IHC	
FFPE tissue samples and cell blocks (cont'd)	Endothelial cells, vascular and lymphocytic tumours	CD34	RHCH
	Epithelial basal cells, mesothelioma	CK5/6	RHCH
	Epithelial basal cells. Used for investigation of prostate, breast and lung neoplasms	P63	RHCH
	Epithelial cells – broad reactivity (simple squamous to stratified squamous). Identification of epithelial cell neoplasms	MNF116	RHCH
	Epithelial cells. Identification and classification of ductal breast carcinomas	E-CADHERIN	RHCH
	Epithelial marker	BerEP4	RHCH
	Epithelioid malignancies of the ovary, cervical papillary serous carcinoma, adenocarcinoma of the endometrium, clear cell bladder adenocarcinoma, epithelioid mesothelioma	CA125	RHCH
	Germ cell neoplasms	PLAP	RHCH
	GISTs, acute myeloid leukaemia	CD117	RHCH
	GI tract adenocarcinomas	CEA	RHCH
	Glandular epithelium of prostate. Neoplasms of prostatic origin.	PSAP	RHCH



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)</u>	Automated Immunohistochemical staining - LP-HIS-IHC	
FFPE tissue samples and cell blocks (cont'd)	Hepatocellular carcinomas, yolk sac tumours, mixed germ cell tumours	Alpha fetoprotein	RHCH
	High Molecular Weight Cytokeratin (Cytokeratin's 1,5, 10 and 14	34BE12	RHCH
	Identification and classification of GIST	DOG-1	RHCH
	Identification of human DNA mismatch repair proteins MLH-1, MSH-2, MSH-6 and PMS-2. Classification of colorectal tumours	MLH-1 MSH2 MSH-6 PMS-2	RHCH
	Identification of Wilms' tumours, malignant mesothelioma	WT-1	RHCH
	Intestinal epithelial cells	CDX2	RHCH
	Leucocytes, lymphoid neoplasms	CD45 (LCA)	RHCH
	Low molecular weight cytokeratin 7 and 8	CAM5.2	RHCH
	Lung and thyroid tissue. Aids in classification of lung and thyroid tumours	TTF-1	RHCH
	Lymphomas, small cell lung cancer	CD56	RHCH
	Megakaryocytic differentiation	CD61	RHCH
	Melanocytes. Identification and classification of melanomas	MELAN A	RHCH



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)</u>	Automated Immunohistochemical staining - LP-HIS-IHC	
FFPE tissue samples and cell blocks (cont'd)	Melanosomes. Identification and classification of malignant melanocytic lesions.	HMB45	RHCH
	Mesothelial cell lining	Calretinin	RHCH
	Monocytes, macrophages	CD68	RHCH
	Myocardial, skeletal and smooth muscle cells and myoepithelial cells	Smooth Muscle Actin	RHCH
	Neuroendocrine cells. Classification of neuroendocrine neoplasm	Synaptophysin	RHCH
	Normal and neoplastic epithelial cells – adenocarcinomas of colon, stomach, pancreas etc.	CK20	RHCH
	Normal and neoplastic epithelial cells – adenocarcinomas of breast, lung, endometrium, thyroid	CK7	RHCH
	Normal epithelial cells. Identification and classification of neoplasms. Lung adenocarcinoma vs mesothelioma	MOC-31	RHCH
	Normal human hepatocytes, hepatocellular carcinomas	Hepatocyte Specific Antigen	RHCH
	Platelets, Megakaryocytes, histiocytic cells, dermal dendritic cells. Identification dermatofibroma and some vascular neoplasms	Factor XIIIa	RHCH



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)</u>	Automated Immunohistochemical staining - LP-HIS-IHC	
FFPE tissue samples and cell blocks (cont'd)	Prostate secretory and ductal epithelial cells. Neoplasms of prostatic origin	PSA	RHCH
	Reed Sternberg cells, activated B&T-lymphocytes	CD30	RHCH
	Reed- Sternberg cells – Hodgkin's lymphoma	CD15	RHCH
	Secretory epithelial cells, Hodgkin's lymphoma, anaplastic large cell lymphoma	EMA	RHCH
	Sex-cord stromal tumours	Inhibin	RHCH
	Simple and non-keratinizing epithelia, tumours of epithelial origin	CK19	RHCH
	Smooth and striated muscle cells	Desmin	RHCH
	Smooth muscle cells and myoepithelial cells. Classification of breast tumours.	Smooth Muscle Myosin	RHCH
	Some epithelial cells of kidney, thyroid and Müllerian organs. Identification and classification of ovarian serous carcinoma, clear cell renal carcinoma and papillary thyroid carcinoma	PAX-8	RHCH
	T-cells and T-cell neoplasms	CD3	RHCH
	T-cell lymphomas	CD8	RHCH



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)</u>	Automated Immunohistochemical staining - LP-HIS-IHC	
FFPE tissue samples and cell blocks (cont'd)	Thymocytes, resting T-cells, mature activated T-cells. Classification of T-cell neoplasms	UCHL-1 (CD45R0)	RHCH
	Tumours of epithelial origin	AE1/AE3	RHCH
	Von Willebrand Factor – endothelial cells and megakaryocytes	Factor VIII	RHCH
Slides prepared in house from samples listed above	<u>Morphological assessment and interpretation/diagnosis</u>	Microscopy (qualitative analysis) using Leica/Nikon microscopes Consultant reporting SOP	
Lymph node tissue	Detect the expression level of Cytokeratin 19 mRNA normally not present in lymph node tissue	Manufacturer's instructions and documented in-house procedures with reference to: Homogeniser, vortex, centrifuge, Sysmex RD210 LP-HIS-OSNA Intraoperative analysis of sentinel lymph nodes using OSNA	BNHH RHCH



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**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Hampshire Hospitals NHS Foundation Trust**

**Issue No: 028    Issue date: 17 July 2025**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p><b>HUMAN TISSUES and FLUIDS (cont'd)</b> (unless specified)</p> <p>Fluids Cellular &amp; fluid material contained on swabs &amp; other materials Tissues</p>	<p><u>Microbiological examinations for the purpose of clinical diagnosis</u></p> <p>Isolation of micro-organisms of clinical significance</p>	<p>In-house documented procedures and incorporating relevant manufacturers' instructions</p> <p>Manual inoculation and culture using in-house procedures:</p> <p>LP-MIC-BASSOP-01 (wound swabs) LP-MIC-BASSOP-02 (throat swabs) LP-MIC-BASSOP-03 (ear swabs) LP-MIC-BASSOP-04 (eye swabs) LP-MIC-BASSOP-05 (CSF) LP-MIC-BASSOP-06 (mouth swabs) LP-MIC-BASSOP-07 (nose swabs) LP-MIC-BASSOP-08 (tissues and biopsies) LP-MIC-BASSOP-11 (sterile fluids) LP-MIC-BASSOP-13 (CAPD fluid) LP-MIC-BASSOP-15 (bile) LP-MIC-BASSOP-16 (gastric aspirates) LP-MIC-BASSOP-20 (intraocular fluid and corneal scrapings) LP-MIC-BASSOP-23 (genital specimens) LP-MIC-BASSOP-25 (sinus aspirates) LP-MIC-BASSOP-80 (abscesses and deep wound infections) LP-MIC-BASSOP-83 (intravascular cannulae) LP-MIC-COUGH (cough swabs) LP-MIC-MRSA LP-MIC-MALDI</p>	BNHH
<p>Bone Respiratory tract Urine</p>		<p>LP-MIC-BASSOP-22 LP-MIC-BASSOP-18 LP-MIC-URINECULT</p>	BNHH



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HUMAN TISSUES and FLUIDS (cont'd) (unless specified)	<u>Microbiological examinations for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures and incorporating relevant manufacturers' instructions	
All specimens considered appropriate after clinical assessment, including respiratory samples sputum, bronchoalveolar lavage, tissue and CSF	Detection of microbial growth and isolation of Mycobacteria sp	Biomerieux BacTAlert 3D analyser LP-MIC-BASSOP-17	BNHH
Respiratory samples, body fluids	Detection of Acid Fast Bacilli	Manual microscopy using fluorescent technique, auramine or manual light microscopy using modified Ziehl-Neelson LP-MIC-BASSOP-17 LP-MIC-BASSOP-T39	BNHH
Whole blood	Isolation of micro-organisms of clinical significance	Automated liquid culture using Biomerieux Virtuo using pH change detection and conventional culture and microscopy LP-MIC-BASSOP-24	BNHH RHCH
Bacterial and yeast isolates cultured in-house	Sensitivity testing and organism identification	LP-MIC-BASSOP-21	BNHH
Bacterial cultures isolated in house from blood cultures and urine	Antimicrobial susceptibility testing (AST)	In house documented procedures using EUCAST methodology and E-test LP-MIC-BASSOP-21	BNHH
CAPD (continuous ambulatory peritoneal dialysis)	Quantification of white and red blood cells	Microscopy and counting chambers LP-MIC-BASSOP-13	BNHH
CSF	Quantification of white and red blood cells	Manual analysis using microscopy LP-BASSOP-05	BNHH
Faeces	Detection of <i>Clostridium difficile</i> toxins A & B	Using r-biopharm® RIDA® QUICK <i>Clostridium difficile</i> Toxin A/B testing kit, an immunochromatographic rapid	BNHH





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HUMAN TISSUES and FLUIDS (cont'd) (unless specified)	<u>Microbiological examinations for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures and incorporating relevant manufacturers' instructions	
Faeces	Detection of presence/absence of Cryptosporidium	Manual microscopy using light microscope or manual microscopy using fluorescence auramine stain and Ziehl-Neelson LP-MIC-BASSOP-19 LP-MIC-BASSOP-27 LP-MIC-BASSOP-T39	BNHH
Faeces	Detection of presence/absence of faecal parasites Red blood cells White blood cells	Manual microscopy using light microscope and concentration techniques LP-MIC-BASSOP-19 LP-MIC-BASSOP-27	BNHH
Faeces	Microscopic analysis for presence absence of faecal parasites Detection ova, cysts and worms	Manual Microscopy using standard light microscope and concentration techniques as appropriate LP-BASSOP-19 LP-MIC-BASSOP-27 LP-MIC-BASSOP-T43	BNHH
Faeces	Qualitation detection of Giardia cysts and Cryptosporidium oocysts	Techlab Giardia/Cryptosporidium Quik Chek, a rapid membrane EIA.	BNHH
Faeces	Isolation of micro-organisms of clinical significance including detection of: <i>Campylobacter spp.</i> <i>E. coli</i> O157 <i>Salmonella spp.</i> <i>Shigella spp.</i>	LP-MIC-BASSOP-19	BNHH
Faeces	Helicobacter pylori antigen detection	Sentinel Easy-Card H. pylori Ag test, an immuno-chromatographic assay	BNHH
Faeces	Detection of Rotavirus and Adenovirus	Lateral flow immuno-chromatographic card LP-MIC-BASSOP-19	BNHH



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HUMAN TISSUES and FLUIDS (cont'd) (unless specified)	<u>Microbiological examinations for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures and incorporating relevant manufacturers' instructions	
Genital tract	Isolation of micro-organisms of clinical significance including detection of: Bacterial vaginosis (BV) <i>Trichomonas vaginalis</i> (TV) Yeasts	Manual inoculation, culture, fluorescent microscopy using in-house procedures: LP-MIC-BASSOP-23 LP-MIC-BASSOP-T39 Manual microscopy using light microscope LI-MIC-HAYS	BNHH
Joint fluids	Identification of crystals	Using light microscopy LI-MIC-CRYSTALS	BNHH
Isolates from MRSA culture plates	MRSA sensitivity testing	E test diffusion Disc diffusion LP-MIC-BASSOP-21 LP-MIC-MRSA	BNHH
Swabs, urine and isolates	Detection of Carbapenamase producing organisms	Standard culture techniques onto selected media LP-MIC-CPESCREEN LP-MIC-CARBRESIST	BNHH
Urine	Quantification of white and red blood cells, epithelial cells, cast, bacteria, yeast	Sedimax conTRUST Pro, automated urine sediment analysis LP-MIC-SEDIMAX	BNHH
Bacterial and yeast isolates cultured in-house	Organism identification	Bruker MALDI Biotyper Sirius	BNHH
Positive blood cultures	Organism identification	Automated liquid culture using bioMerieux Virtuo with Bruker MALDI Biotyper Sirius, LP-MIC-SEPSI, LP-MIC-MALDI	BNHH



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HUMAN TISSUES and FLUIDS (cont'd) (unless specified)	<p><u>Serological examinations for investigation for immunity and markers of infectious disease</u></p> <p>Qualitative detection of:</p> <p>Anti-Streptolysin O (ASO) CMV IgG CMV IgM Hepatitis A IgM antibody Hepatitis A total antibody Hepatitis B core antibody* Hepatitis B core IgM antibody Hepatitis B e antibody Hepatitis B e antigen Hepatitis B surface antibody Hepatitis B surface antigen Hepatitis C antibody HIV antibody/antigen* Rubella IgG antibody Syphilis IgG/IgM antibodies* Toxoplasma antibody test</p>	<p>Documented in-house methods to meet the requirements of the NHS Infectious Diseases in Pregnancy screening programme "NHS Infectious Diseases in Pregnancy screening: laboratory QA evidence requirements" (*relevant tests) Documented in-house procedures and manufacturer's instructions for Roche c702/e801 – Electrochemiluminescence Immunoassay LP-MIC-ASDS</p>	BNHH



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HUMAN TISSUES and FLUIDS (cont'd) (unless specified)	<u>Serological examinations for investigation for immunity and markers of infectious disease (cont'd)</u>		
Serum	Qualitative detection of:  Bordetella pertussis IgG antibody Epstein Barr Virus VCA IgG antibody Epstein Barr Virus VCA IgM Antibody Epstein Barr Virus NA antibody Hepatitis E -IgG antibody Hepatitis E IgM antibody Lyme disease IgG antibody Measles IgG antibody Mumps IgG antibody Parvovirus IgG antibody Parvovirus IgM antibody Quantiferon Varicella zoster IgG antibody HIV antibody/antigen Hepatitis B Core antibody Hepatitis B surface antibody Syphilis IgG/IgM antibodies	Manufacturer's instructions for Diasorin Liaison XL immunoassay using chemiluminescence in conjunction within house documented methods: LP-MIC-DIASORINXL	BNHH
Serum	Beta-D-glucan	FUJIFILM Wako (1-3)-B-D-Glucan test, a kinetic turbidimetric assay LP-MIC-BASSOP-BGLU	BNHH
Heparinised whole blood	Interferon gamma release assay for TB detection	Diasorin Liaison XL, QuantiFERON-TB Gold Plus using chemiluminescent immunoassay (CLIA) technology	BNHH



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HUMAN TISSUES and FLUIDS (cont'd) (unless specified)	<u>Molecular examinations for the purpose of clinical diagnosis</u>	In-house documented methods following manufacturers' instructions	
CSF	Molecular detection of meningitis/encephalitis causing bacteria, viruses and yeast	Biomerieux Biofire, FilmArray Meningitis/Encephalitis (ME), multiplex PCR	BNHH RHCH
Faeces	Detection of medically important organisms including: <i>Campylobacter spp.</i> <i>Clostridium difficile</i> <i>Cryptosporidium parvum</i> <i>Entamoeba histolytica</i> <i>Giardia lamblia</i> <i>Norovirus</i> <i>Salmonella spp.</i> <i>Shigella</i> Agent <i>Shiga-toxin</i>	Becton Dickinson BDMax analyser Realtime PCR LP-MIC-BASSOP-19 LP-MIC-BDMAX	BNHH
Faeces	Molecular detection of <i>Clostridium difficile</i> DNA	GeneXpert Realtime PCR LP-MIC-GENEXP	BNHH
Faeces	Molecular detection of Norovirus RNA	GeneXpert Realtime PCR LP-MIC-GENEXP	BNHH
Nasopharyngeal swabs	Molecular detection of respiratory viruses and bacteria	Biomerieux Biofire, FilmArray Meningitis/Encephalitis (ME), multiplex PCR LP-MIC-BIOFIRE	BNHH RHCH
Nasopharyngeal swabs	Molecular detection of SARS-CoV-2	Cepheid GeneXpert, PCR	BNHH RHCH
Plasma EDTA	Quantification of HIV viral load	GeneXpert Realtime PCR LP-MIC-GENEXP	BNHH



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HUMAN TISSUES and FLUIDS (cont'd) (unless specified)	<u>Molecular examinations for the purpose of clinical diagnosis</u> (cont'd)	In-house documented methods following manufacturers' instructions	
Respiratory samples: Nose viral swabs Throat viral swabs	Molecular detection of Influenza A/B and RSV RNA	GeneXpert Realtime PCR LP-MIC-GENEXP	BNHH
Swabs, urines, isolates	Molecular detection of Carbapenamase producing organisms	GeneXpert Realtime PCR LP-MIC-GENEXP	BNHH
Swabs, urine	Molecular detection of: Chlamydia Gonococci	Roche Cobas 4800 – NAATS PCR LP-MIC-NAATS	BNHH
Swabs and urine	Molecular detection of N. gonorrhoeae	Cepheid GeneXpert, Xpert CT/NG using real time PCR. LP-MIC-GENEXP	BNHH
Swab	Molecular detection of Herpes virus 1 (HSV1), Herpes virus 2 (HSV2) and Varicella Zoster virus (VZV)	Bio Molecular Systems Magentic Induction Cyclor using Viasure HSV1, HSV2 and VZV using real time PCR LP-MIC-VIASUREHHV	BNHH
Swab	Molecular detection of MRSA	GeneXpert Realtime PCR LP-MIC-GENEXP	BNHH
Swab	Presence/absence Panton-Valentine leucocidin (PVL) DNA	Biomolecular Systems MIC Real time PCR LP-MIC-PVLSOP	BNHH
	<u>Mycology examinations for the purpose of clinical diagnosis</u>	In-house documented methods following manufacturers' instructions	
Hair, skin scrapings and nails	General isolation and characterisation of fungi of clinical significance	Culture and Microscopy, staining using Calcofluor White LP-MIC-BASSOP-39	BNHH
Yeast isolates	Sensitivity testing of fungi	E-test diffusion LP-MIC-BASSOP-21 LP-MIC-YEASENS	BNHH



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ENVIRONMENTAL SAMPLES	<u>Mycology examinations for the purpose of clinical diagnosis</u> (cont'd)	In-house documented methods following manufacturers' instructions	
Air sampling settle plates	Isolation of micro-organisms of medical importance	Manual inoculation and culture using in-house procedures: LP-MIC-AIRSAMP LP-MIC-MALDI	BNHH
Pharmacy samples	Isolation of micro-organisms of clinical significance	Manual inoculation and culture using in-house procedures: LP-MIC-PHARM LP-MIC-MALDI	BNHH
END			