Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

UKAS MEDICAL **8082** **Accredited to ISO 15189:2022**	**Hampshire Hospitals NHS Foundation Trust** **Issue No:** 035 **Issue date:** 15 September 2026	
	Pathology **Basingstoke & North Hampshire Hospital** **Aldermaston Road** **Basingstoke** **RG24 9NA**	**Contact: Eloise Clarke** **Tel: +44 (0) 1256 262119** **E-Mail: eloise.clarke@hhft.nhs.uk** **Website: www.hampshirehospitals.nhs.uk**

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
Haematology & Blood Transfusion Basingstoke & North Hampshire Hospital Level B, Aldermaston Road Basingstoke RG24 9NA	**Local contact** Karen Harrison	Blood Transfusion Blood Transfusion Issue Fridge Coagulation Haematology	BNHH
Biochemistry Basingstoke & North Hampshire Hospital Level B, Aldermaston Road Basingstoke RG24 9NA	**Local contact** Karen Harrison	Biochemistry Immunology	BNHH
Cellular Pathology Basingstoke and North Hampshire Hospital Aldermaston Road Basingstoke RG24 9NA	**Local contact** Jeff Morrison	Diagnostic cytology (reporting only) Frozen section Histopathology reporting OSNA Pathologist and BMS cut up	BNHH
Microbiology Basingstoke & North Hampshire Hospital Level A, Aldermaston Road Basingstoke RG24 9NA	**Local contact** Helen Denman	Microbiology Molecular Mycology Serology	BNHH
Microbiology Royal Hampshire County Hospital Romsey Road Winchester SO22 5DG	**Local contact** Helen Denman	Molecular	RHCH
Haematology & Blood Transfusion Royal Hampshire County Hospital Romsey Road Winchester SO22 5DG	**Local contact** Karen Harrison	Blood Transfusion Blood Transfusion Issue Fridge Coagulation Haematology	RHCH
Biochemistry Royal Hampshire County Hospital Romsey Road Winchester SO22 5DG	**Local contact** Karen Harrison	Biochemistry	RHCH

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Location details		Activity	Location code
Cellular Pathology Royal Hampshire County Hospital Romsey Road Winchester SO22 5DG	**Local contact** Jeff Morrison	Diagnostic cytology Frozen sections Immunocytochemistry OSNA Routine Histology	RHCH
Circle Health Basing Road Old Basing Basingstoke RG24 7AL	**Local contact** Karen Harrison	Blood Bank No testing occurs on this site, blood storage only	CHHC
Circle Health Sarum Road Hospital Winchester	**Local contact** Karen Harrison	Blood Issue Fridge No testing occurs on this site, blood storage only	CHRH
Andover War Memorial Hospital Charlton Road Andover SP10 3LB	**Local contact** Karen Harrison	Blood Issue Fridge No testing occurs on this site, blood storage only	AWMH

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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	Biochemistry examination activities for the purpose of clinical diagnosis	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
Urine and Blood	Osmolality	Advanced Instruments Osmometer LP-CHE-MSOSMO	RHCH
Serum	Protein Immunotyping – quantitation of paraprotein type	Documented in-house procedures and manufacturer's instructions Sebia Capillarys 3 and Sebia Hydrasys Electrophoresis LP-BIO-MSSEBIA	BNHH
Serum	Protein electrophoresis – detection of normal and abnormal electrophoretic pattern	Documented in-house procedures and manufacturer's instructions Sebia Capillarys 3 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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures and manufacturer's instructions	
	Quantification of:	Documented in-house procedures and manufacturer's instructions for Phadia Immunocap 250 LP-BIO-1250IMMUNOCAP Elisa method	BNHH
Serum	Extractable Antinuclear Antigen Screen	Phadia Immunocap 250 LP-BIO-1250IMMUNOCAP Elisa method	BNHH
Serum	IgG to Aspergillus	Phadia Immunocap 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		

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (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	Ferritin		
Serum	Folate		
Serum	FSH		
Serum	HCG (Non-Downs)		
Serum	LH		
Serum	Macroprolactin		
Serum	Nt Pro BNP		
Serum	Oestrodial		
Serum	Procalcitonin		
Serum	Progesterone		
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)		

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures and manufacturer's instructions	
	Quantification of:	Documented in-house procedures and manufacturer's instructions with specific reference Roche E801 LP-BIO-8000OP Electrochemiluminescence immunoassay	RHCH
Serum	CA19.9		
Serum	Cortisol		
Serum	Digoxin		
Serum	Ferritin		
Serum	Folate		
Serum	HCG (Non-Downs)		
Serum	Procalcitonin		
Serum	Progesterone		
Serum	Troponin T		
Serum	Vitamin B12		
Serum	Vitamin D		
Serum	T3 (Free)		
Serum	T4 (Free)		
Serum	TSH (routine)		

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures and manufacturer's instructions	
	Quantification of:	Documented in-house procedures and manufacturer's instructions for Roche Cobas c702 LP-BIO-8000OP	BNHH
Serum and Urine	Albumin	Immunoturbidimetric assay	
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	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures and manufacturer's instructions	
	Quantification of: (cont'd)	Documented in-house procedures and manufacturer's instructions for Roche Cobas c702 LP-BIO-8000OP	BNHH
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	
Serum	IgA	Immunoturbidimetric assay	
Serum	IgG	Immunoturbidimetric assay	
Serum	IgM	Immunoturbidimetric assay	
Serum	Iron	Spectrophotometric	
Fluoride Oxalate Plasma Only	Lactate	Spectrophotometric	
Serum	LDH	Spectrophotometric	
Serum	Lithium	Spectrophotometric	
Serum and Urine	Magnesium	Spectrophotometric	
Serum	Paracetamol	Spectrophotometric	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures and manufacturer's instructions	
	Quantification of: (cont'd)	Documented in-house procedures and manufacturer's instructions for Roche Cobas c702 LP-BIO-8000OP	BNHH
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	Immunoturbidometric	
Serum	Albumin	Spectrophotometric	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures and manufacturer's instructions	
	Quantification of: (cont'd)	Documented in-house procedures and manufacturer's instructions Roche Cobas c702 module LP-CHE-8000OP	RHCH
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	
Serum	CK (Creatine Kinase)	Spectrophotometric	
Serum	C-Reactive Protein	Immunoturbidometric	
Urine	Creatinine	Enzymatic	
Serum	Creatinine	Spectrophotometric	
CSF	CSF Protein	Spectrophotometric	
Serum	Direct Bilirubin	Spectrophotometric	
Serum	Gamma Glutamyl Transferase	Spectrophotometric	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures and manufacturer's instructions	
	Quantification of: (cont'd)	Documented in-house procedures and manufacturer's instructions Roche Cobas c702 module LP-CHE-8000OP	RHCH
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	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures and manufacturer's instructions	
	Quantification of:	Documented in-house procedures and manufacturer's instructions Werfen Analyser; Bioflash Chemiluminescence LP-BIO-Bioflash	BNHH
Serum	Anti-CCP		
Serum	Anti-dsDNA antibodies		
Serum	Anti-Glomerular Basement Membrane antibodies		
Serum	Anti-myeloperoxidase antibodies		
Serum	Anti-proteinase 3 antibodies		
Serum	Coeliac Screen by immunoassay for TTG		
Serum	Connective tissue Disease antibody screen		
Faeces	Faecal Immunochemical Test (FIT) for symptomatic testing	Mast Diagnostics OC Sensor Pledia LP-BIO-PLEDIA	BNHH
	Transfusion examination activities for the purpose of clinical diagnosis	Documented in-house procedures with manufacturer's instructions.	
EDTA plasma	Antibody panels Antigens of the following systems: Duffy – Fy^a, Fy^b Kell – K, Kpa Kidd – JK^a, Jk^b Lewis – Le^a, Le^b Lutheran – $Lu^{a, P, P1}$ MNS M, N, S, s P – P1 Rh – C,D,E,c,e, C^w Xg Xg	BioRad IH500 by immunohaematological gel card technologies, using IBG and NHSBT Panels LP-TRA-IH500USE, LP-TRA-PANEL	BNHH RHCH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Transfusion examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions.	
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 LP-TRA-PHENO	BNHH RHCH
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	LP-TRA-DAT using Bio-Rad IH-500 analyser and immunohematological gel card technologies	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Haematology examination activities for the purpose of clinical diagnosis	Documented in-house procedures with manufacturer's instructions.	
Citrated plasma	APTT	LP-HAE-STARRAPTT using Stago STA-R-Max2 – Mechanical	BNHH RHCH
EDTA Whole Blood	Blood film staining– detecting microscopic cell contents	Beckman Coulter slide -maker-stainer Aerospray Haematology Pro implementation slide 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
		LP-HAE-AEROSPRAY using Aerospray Haematology Pro implementation slide stainer and May-Grunwald Giemsa stain	RHCH
Citrated plasma	D-Dimer	LP-HAE-STADDIMER Stago STA-R-Max2 immunological	RHCH BNHH
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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Haematology examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions.	
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-DxH900MAIN DxH900 maintenance LP-HAE-DxH900ROUTINE DxH900 Checking and loading samples LP-HAE-DXH900VAL	BNHH RHCH
EDTA Plasma or serum	Glandular fever heterophil IgM antibody (infectious mononucleosis)	LP-HAE-GF using ACCUSAY Mono Kit 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:	BNHH RHCH
EDTA Whole Blood	Quantification of (%): HbA HbA2 HbF Identification of: HbS HbD HbE HbC	Haemoglobinopathy Primary Screening: Tosoh G11 by HPLC Technology LP-HAE-TOSOH-HBO	BNHH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Haematology examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions.	
	Quantification of (%): HbA HbA2 HbF Identification of: HbS HbD HbE HbC	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 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
EDTA Plasma or serum	Sickle cell solubility	LP-HAE-0133 using Microgen solubility test	BNHH RHCH
EDTA Whole Blood	Sickle cell solubility	Helena Sickle Cell Solubility LP-HAE-SICKLE	BNHH RHCH
EDTA Whole Blood	Lymphocyte subsets T, B, & L including subsets	LP-COA-MARKERS 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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Haematology examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions.	
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	BNHH RHCH
Citrated plasma	Thrombin time	LP-HAE- STARRGTLOAD using Stago STA-R-Max2 – Mechanical	BNHH RHCH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Immunology examination activities for the purpose of clinical diagnosis		
	Detection of:	Manual Indirect immunofluorescence using Fluorescence microscopy (Nikon Eclipse 50i) and slides from Biodiagnostics LP-BIO-IMMFL	BNHH
Serum	Anti-endomysial antibodies – IgG and IgA		
Serum	Anti-nuclear antibodies on Hep2 cell slides		
Serum	Gastric parietal cell IgG antibody		
Serum	Liver autoantibodies IgG on rodent tissue		
Serum	Skin autoantibodies IgG		
	Quantitative Allergy testing	ImmunoCap using Phadia 250 SOP LP-BIO-I250SIGE	BNHH
Serum	Almond	f20	
Serum	Apple	f49	
Serum	Aspergillus	m3	
Serum	Avocado	f96	
Serum	Banana	f92	
Serum	Barley	f6	
Serum	Bee	i1	
Serum	Beef	f27	
Serum	Birch	t3	
Serum	Blue Mussel	f37	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Immunology examination activities for the purpose of clinical diagnosis (cont'd)		
	Quantitative Allergy testing (cont'd)	ImmunoCap using Phadia 250 SOP LP-BIO-I250SIGE	BNHH
Serum	Brazil nuts	f18	
Serum	Cacao	f93	
Serum	Cagebirds mix	ex72	
Serum	Cashew Ana o3	f443	
Serum	Cashew nuts	f202	
Serum	Cat epithelium	e1	
Serum	Cereal mix	fx20	
Serum	Cheese - Cheddar	f81	
Serum	Cheese - Mould type	f82	
Serum	Cherry	f242	
Serum	Chicken	f83	
Serum	Chickpea	f309	
Serum	Coconut	f36	
Serum	Codfish	f3	
Serum	Crab	f23	
Serum	Dog dander	e5	
Serum	Egg Gal d1	f233	
Serum	Egg Gal d2	f232	
Serum	Egg white	f1	
Serum	Egg (Whole)	f245	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Immunology examination activities for the purpose of clinical diagnosis (cont'd)		
	Quantitative Allergy testing (cont'd)	ImmunoCap using Phadia 250 SOP LP-BIO-I250SIGE	BNHH
Serum	Egg yolk	f75	
Serum	Fish mix	fx74	
Serum	Food mix	fx5	
Serum	Gluten	f79	
Serum	Grape	f259	
Serum	Grass pollen mix	gx3	
Serum	Guinea Pig	e6	
Serum	Hamster	e84	
Serum	Hazelnut	f17	
Serum	Hazelnut Cor a1	f428	
Serum	Hazelnut Cor a8	f425	
Serum	Hazelnut Cor a9	f440	
Serum	Hazelnut Cor a14	f439	
Serum	Horse dander	e3	
Serum	House Dust Mite	d1	
Serum	Kiwi	f84	
Serum	Latex	k82	
Serum	Maize	f8	
Serum	Milk	f2	
Serum	Milk Bos d4	f76	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Immunology examination activities for the purpose of clinical diagnosis (cont'd)		
	Quantitative Allergy testing (cont'd)	ImmunoCap using Phadia 250 SOP LP-BIO-I250SIGE	BNHH
Serum	Milk Bos d5	f77	
Serum	Milk Bos d8	f78	
Serum	Mould mix	mx1	
Serum	Mugwort	w6	
Serum	Nuts mix (fx1)	fx1	
Serum	Nuts mix (fx22)	fx22	
Serum	Oat	f7	
Serum	Omega 5 Gliadin	f416	
Serum	Oranges	f33	
Serum	Paprika	f218	
Serum	Pea	f12	
Serum	Peanut	f13	
Serum	Peanut Ara h1	f422	
Serum	Peanut Ara h2	f423	
Serum	Peanut Ara h3	f424	
Serum	Peanut Ara h6	f447	
Serum	Peanut Ara h8	f352	
Serum	Peanut Ara h9	f427	
Serum	Pear	f94	
Serum	Pecan nuts	f201	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Immunology examination activities for the purpose of clinical diagnosis (cont'd)		
	Quantitative Allergy testing (cont'd)	ImmunoCap using Phadia 250 SOP LP-BIO-I250SIGE	BNHH
Serum	Penicillin G	c1	
Serum	Penicillin V	c2	
Serum	Pine Nuts / pignoles	f253	
Serum	Pistachio nuts	f203	
Serum	Plum	f255	
Serum	Pork	f26	
Serum	Potato	f35	
Serum	Prawns (Shrimp)	f24	
Serum	Rabbit	e82	
Serum	Rape	w203	
Serum	Rice	f9	
Serum	Rodents mix	ex70	
Serum	Rye	f5	
Serum	Salmon	f41	
Serum	Seafood mix	fx2	
Serum	Sesame seeds	f10	
Serum	Soya	f14	
Serum	Strawberry	f44	
Serum	Tomatoes	f25	
Serum	Tree pollen mix	tx8	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Immunology examination activities for the purpose of clinical diagnosis (cont'd)		
	Quantitative Allergy testing (cont'd)	ImmunoCap using Phadia 250 SOP LP-BIO-I250SIGE	BNHH
Serum	Tuna	f40	
Serum	Walnuts	f256	
Serum	Walnut Jug r1	f441	
Serum	Walnut Jug r3	f442	
Serum	Wasp venom	i3	
Serum	Weed pollen mix	wx3	
Serum	Wheat	f4	
Serum	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
Serum	Total IgE	Fluoroenzymeimmunoassay on Phadia 250 SOP LP-BIO-I250OPERATION	BNHH
	Special Coagulation examination activities for the purpose of clinical diagnosis	Documented in-house procedures with manufacturer's instructions	
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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Special Coagulation examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
Citrated plasma	Anti Xa	LP-COA-STARANTXDOAC 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 (EDTA/Citrate)	Factor V Leiden Prothrombin gene mutation	LP-COA-FVLPTMU Factor V Leiden G1691A and Prothrombin (FII) G20210A gene mutations by Real time PCR using Cepheid GeneXpert	BNHH
Citrated plasma	Factor IX (clotting)	LP-COA-STARFACT Stago STA-R-Max2, One stage factor assay, mechanica	BNHH
Citrated plasma	Factor IX (chromogenic)	LP-COA-STARF9CC: Stago STA-R-Max2, using the Hyphen Biomed Chromogenic FIX ki	BNHH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Special Coagulation examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
Citrated plasma	Factor IX (Inhibitor)	LP-COA-STARF9IN using Stago STA-R-Max2 Factor IX coagulant inhibitor assay (based on Nijmegen modification), mechanical	BNHH
Citrated plasma	Factor X	LP-COA-STARFACT Stago STA-R-Max2, One stage factor assay, mechanical	BNHH
Citrated plasma	Factor XI	LP-COA-STARFACT Stago STA-R-Max2, One stage factor assay, mechanical	
Citrated plasma	Factor XII	LP-COA-STARFACT Stago STA-R-Max2, One stage factor assay, mechanical	
Citrated plasma	Factor XIII	LP-COA-FXIII Factor XIII Activity measurement using the DT100 using Siemens Berichrom FXIII kit, (chromogenic)	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 AnticoagulantScreen and confirm	LP-COA-STARDAPT using Stago STA-R-Max2 clotting	BNHH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Special Coagulation examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
Whole Blood	PFA	LP-COA-PFA200 using Sysmex PFA200	BNHH
Citrated plasma	Platelet aggregation	LP-COA-PLTAGG using Stago TA-8V aggregometer – optical	BNHH
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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Special Coagulation examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
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, Chronolog Model 700 Aggregometer, Platelet Lumi-Aggregometry Adenosine Triphosphate Release Assay	BNHH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS	Diagnostic Cytopathology examination activities for the purpose of clinical diagnosis	Documented in-house procedures with manufacturer's instructions	
Fixed and fresh cellular material and body fluid samples, prepared slides, fine needle aspirates and brushings:	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:	
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		Sample preparation (Hettich Rotina Centrifuge & Shandon Cytospin 4) LP-CYT-CLOTS LP-CYT-FLUIDS	RHCH
Fixed and fresh cellular material and body fluid samples, prepared slides, fine needle aspirates and brushings:	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont'd)	Diagnostic Cytopathology examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
Fixed and fresh cellular material and body fluid samples, prepared slides, fine needle aspirates and brushings:	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:	
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	Visualisation of nuclear detail in cells present	LP-CYT-EQIPUSE LP-CYT-STAIN	RHCH
	Histopathological examination of tissues for the purpose of clinical diagnosis	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	All tissue components: Cytoplasm Fibrin Muscle fibres Nuclei Red blood cells	Automated Routine Haematoxylin & Eosin staining using: Sakura H&E staining machine Sakura Prisma and Coverfilm LP-HIS-PRISMA	RHCH
Frozen section	All tissue components: Cytoplasm Fibrin Muscle fibres Nuclei Red blood cells	Manual H&E staining using: LP-HIS-FROZEN	BNHH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont'd)	Histopathological examination of tissues for the purpose of clinical diagnosis (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 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
		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: Cryostar NX70 Cryostat LP-HIS-FROZENHHFT WI-HIS-FROZEN	BNHH
		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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont'd)	Histopathological examination of tissues for the purpose of clinical diagnosis (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	Special staining for identification of: Acid mucins and neutral mucins	Automated Special staining using: Sakura Prisma AB/PASD PAS/D LP-HIS-PRISMA	RHCH
	Special staining for identification of:	Automated staining using Roche Ventana BenchMark Special Stains LP-HIS-BSS	RHCH
	Mycobacterium tuberculosis	AFB	
FFPE tissue samples and cell blocks and Bone Marrow	Amyloid	Congo Red (BMT and non-BMT protocols)	
FFPE tissue samples and cell blocks	Fungal spores/hyphae	GMS II (Grocott)	
	Haemosiderin	Iron	
	Membrane staining	PAS	
	Membrane staining	PASD	
FFPE tissue samples and cell blocks and Bone Marrow	Reticulin	Reticulum (BMT and non-BMT protocols)	
FFPE tissue samples and cell blocks	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont'd)	Histopathological examination of tissues for the purpose of clinical diagnosis (cont'd)	Macroscopic and Microscopic examination using in house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):	
	Special staining for identification of:	Automated staining using Roche Ventana BenchMark Special Stains LP-HIS-BSS	RHCH
FFPE tissue samples and cell blocks	Connective tissue	Masson Trichrome WI-HIS-MASSTRI	RHCH
	Demonstration of iron	Perls WI-HIS-PERLS	RHCH
FFPE tissue samples and cell blocks	Differentiation of collagen from other connective tissues	Van Gieson Stain WI-HIS-hvg	RHCH
	Helicobacter Pylori	Giemsa WI-HIS-GIEMSA	RHCH
		Manual special staining	
FFPE tissue samples and cell blocks	Copper associated protein / HepBsAg	Shikata's Orcein WI-HIS-SHIKATA	RHCH
	Differentiate between Gram positive and negative bacteria	Gram WI-HIS-GRAM	RHCH
	Elastin and connective tissue	EVG - Miller's Elastic Van Gieson WI-HIS-EVG	RHCH
	Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis	Automated Immunohistochemical staining using Roche Ventana Ultra - Documented in-house methods LP-HIS-IHC	
FFPE tissue samples and cell blocks	Anaplastic lymphoma Kinase	ALK-1	RHCH
FFPE tissue samples and cell blocks	Assessment of HER2 receptor status in invasive breast carcinomas	Her2 (4B5)	RHCH
FFPE tissue samples and cell blocks	Assessment of receptor expression invasive breast carcinomas	Oestrogen Receptor (ER) PR	RHCH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)	Automated Immunohistochemical staining using Roche Ventana Ultra - Documented in-house methods LP-HIS-IHC	RHCH
FFPE tissue samples and cell blocks	B-cells and monocytes	CD23	RHCH
FFPE tissue samples and cell blocks	B cells in mantle zone and interfollicular T cells	BCL-2	RHCH
FFPE tissue samples and cell blocks	B-cell neoplasms	CD79A	RHCH
FFPE tissue samples and cell blocks	Plasma cells, B-cells and activated T-cells	MUM1	RHCH
FFPE tissue samples and cell blocks	Tumour suppressor gene	P53	RHCH
FFPE tissue samples and cell blocks	Melanocytic lineage	SOX-10	RHCH
FFPE tissue samples and cell blocks	B-cells (precursors and mature)	CD20	RHCH
FFPE tissue samples and cell blocks	B & T-cell malignancies	CD5	RHCH
FFPE tissue samples and cell blocks	Cell cycle regulation. Identification of mantle cell lymphomas	Cyclin D1	RHCH
FFPE tissue samples and cell blocks	Cells in active phases of the cell cycle. Classification of a variety of tumours	KI-67	RHCH
FFPE tissue samples and cell blocks	Cells of mesenchymal origin and tumours of mesenchymal origin	Vimentin	RHCH
FFPE tissue samples and cell blocks	Cells of neuroendocrine origin	CHROMOGRANIN A	RHCH
FFPE tissue samples and cell blocks	Cells of neuronal and neuroendocrine origin.	NSE	RHCH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)	Automated Immunohistochemical staining using Roche Ventana Ultra - Documented in-house methods LP-HIS-IHC	RHCH
FFPE tissue samples and cell blocks	Classification of tumours in central and peripheral nervous system, malignant melanocytic tumours, malignant melanoma metastasis	S100	RHCH
FFPE tissue samples and cell blocks	Diagnosis of high grade cervical intraepithelial neoplasia, oropharyngeal squamous cell carcinomas	P16	RHCH
FFPE tissue samples and cell blocks	Early lymphoid cells and various non-lymphoid cells. Aids identification of Burkitt lymphoma and renal cell carcinomas	CD10	RHCH
FFPE tissue samples and cell blocks	Endothelial cells	CD31	RHCH
FFPE tissue samples and cell blocks	Endothelial cells, vascular and lymphocytic tumours	CD34	RHCH
FFPE tissue samples and cell blocks	Epithelial basal cells, mesothelioma	CK5/6	RHCH
FFPE tissue samples and cell blocks	Epithelial basal cells. Used for investigation of prostate, breast and lung neoplasms	P63	RHCH
FFPE tissue samples and cell blocks	Epithelial cells – broad reactivity (simple squamous to stratified squamous). Identification of epithelial cell neoplasms	MNF116	RHCH
FFPE tissue samples and cell blocks	Epithelial cells. Identification and classification of ductal breast carcinomas	E-CADHERIN	RHCH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)	Automated Immunohistochemical staining using Roche Ventana Ultra - Documented in-house methods LP-HIS-IHC	RHCH
FFPE tissue samples and cell blocks	Epithelial marker	BerEP4	RHCH
FFPE tissue samples and cell blocks	Epithelioid malignancies of the ovary, cervical papillary serous carcinoma, adenocarcinoma of the endometrium, clear cell bladder adenocarcinoma, epithelioid mesothelioma	CA125	RHCH
FFPE tissue samples and cell blocks	Germ cell neoplasms	PLAP	RHCH
FFPE tissue samples and cell blocks	GISTs, acute myeloid leukaemia	CD117	RHCH
FFPE tissue samples and cell blocks	GI tract adenocarcinomas	CEA	RHCH
FFPE tissue samples and cell blocks	Glandular epithelium of prostate. Neoplasms of prostatic origin.	PSAP	RHCH
FFPE tissue samples and cell blocks	Hepatocellular carcinomas, yolk sac tumours, mixed germ cell tumours	Alpha fetoprotein	RHCH
FFPE tissue samples and cell blocks	High Molecular Weight Cytokeratin (Cytokeratin's 1,5, 10 and 14	34BE12	RHCH
FFPE tissue samples and cell blocks	Identification and classification of GIST	DOG-1	RHCH
FFPE tissue samples and cell blocks	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)	Automated Immunohistochemical staining using Roche Ventana Ultra - Documented in-house methods LP-HIS-IHC	RHCH
FFPE tissue samples and cell blocks	Identification of Wilms' tumours, malignant mesothelioma	WT-1	RHCH
FFPE tissue samples and cell blocks	Intestinal epithelial cells	CDX2	RHCH
FFPE tissue samples and cell blocks	Leucocytes, lymphoid neoplasms	CD45 (LCA)	RHCH
FFPE tissue samples and cell blocks	Low molecular weight cytokeratin 7 and 8	CAM5.2	RHCH
FFPE tissue samples and cell blocks	Lung and thyroid tissue. Aids in classification of lung and thyroid tumours	TTF-1	RHCH
FFPE tissue samples and cell blocks	Lymphomas, small cell lung cancer	CD56	RHCH
FFPE tissue samples and cell blocks	Megakaryocytic differentiation	CD61	RHCH
FFPE tissue samples and cell blocks	Melanocytes. Identification and classification of melanomas	MELAN A	RHCH
FFPE tissue samples and cell blocks	Melanosomes. Identification and classification of malignant melanocytic lesions.	HMB45	RHCH
FFPE tissue samples and cell blocks	Mesothelial cell lining	Calretinin	RHCH
FFPE tissue samples and cell blocks	Monocytes, macrophages	CD68	RHCH
FFPE tissue samples and cell blocks	Myocardial, skeletal and smooth muscle cells and myoepithelial cells	Smooth Muscle Actin	RHCH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)	Automated Immunohistochemical staining using Roche Ventana Ultra - Documented in-house methods LP-HIS-IHC	RHCH
FFPE tissue samples and cell blocks	Neuroendocrine cells. Classification of neuroendocrine neoplasm	Synaptophysin	RHCH
FFPE tissue samples and cell blocks	Normal and neoplastic epithelial cells – adenocarcinomas of colon, stomach, pancreas etc.	CK20	RHCH
FFPE tissue samples and cell blocks	Normal and neoplastic epithelial cells – adenocarcinomas of breast, lung, endometrium, thyroid	CK7	RHCH
FFPE tissue samples and cell blocks	Normal epithelial cells. Identification and classification of neoplasms. Lung adenocarcinoma vs mesothelioma	MOC-31	RHCH
FFPE tissue samples and cell blocks	Normal human hepatocytes, hepatocellular carcinomas	Hepatocyte Specific Antigen	RHCH
FFPE tissue samples and cell blocks	Platelets, Megakaryocytes, histiocytic cells, dermal dendritic cells. Identification dermatofibroma and some vascular neoplasms	Factor XIIIa	RHCH
FFPE tissue samples and cell blocks	Prostate secretory and ductal epithelial cells. Neoplasms of prostatic origin	PSA	RHCH
FFPE tissue samples and cell blocks	Reed Sternberg cells, activated B&T-lymphocytes	CD30	RHCH
FFPE tissue samples and cell blocks	Reed- Sternberg cells – Hodgkin's lymphoma	CD15	RHCH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE AND FLUIDS (cont'd)	Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)	Automated Immunohistochemical staining using Roche Ventana Ultra - Documented in-house methods LP-HIS-IHC	RHCH
FFPE tissue samples and cell blocks	Secretory epithelial cells, Hodgkin's lymphoma, anaplastic large cell lymphoma	EMA	RHCH
FFPE tissue samples and cell blocks	Sex-cord stromal tumours	Inhibin	RHCH
FFPE tissue samples and cell blocks	Simple and non-keratinizing epithelia, tumours of epithelial origin	CK19	RHCH
FFPE tissue samples and cell blocks	Smooth and striated muscle cells	Desmin	RHCH
FFPE tissue samples and cell blocks	Smooth muscle cells and myoepithelial cells. Classification of breast tumours.	Smooth Muscle Myosin	RHCH
FFPE tissue samples and cell blocks	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
FFPE tissue samples and cell blocks	T-cells and T-cell neoplasms	CD3	RHCH
FFPE tissue samples and cell blocks	T-cell lymphomas	CD8	RHCH
FFPE tissue samples and cell blocks	Thymocytes, resting T-cells, mature activated T-cells. Classification of T-cell neoplasms	UCHL-1 (CD45R0)	RHCH
FFPE tissue samples and cell blocks	Tumours of epithelial origin	AE1/AE3	RHCH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont'd)	Immunohistochemistry (using antibodies) to detect the following for the purposes of clinical diagnosis (cont'd)	Automated Immunohistochemical staining using Roche Ventana Ultra - Documented in-house methods LP-HIS-IHC	RHCH
FFPE tissue samples and cell blocks	Von Willebrand Factor – endothelial cells and megakaryocytes	Factor VIII	RHCH
FFPE tissue samples and cell blocks	GATA-3	GATA-3	RHCH
	H. pylori	*H. pylori*	RHCH
Slides prepared in house from samples listed above	Morphological assessment and interpretation/diagnosis	Microscopy (qualitative analysis) using Leica/Nikon microscopes Consultant reporting SOP	
Formalin fixed Bone Marrow slides prepared in house	Morphological assessment and interpretation/diagnosis of Bone Marrow Trephines	Digital pathology using the Leica GT450DX Slide Scanner and Sectra Software for digital microscopy WI-HIS-GT450DX LP-HIS-SECTRA	RHCH
	Molecular examination activities for the purposes of clinical diagnosis		
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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES and FLUIDS (cont'd)	<u>Microbiological examinations for the purpose of clinical diagnosis</u>	In-house documented procedures and incorporating relevant manufacturers' instructions	
Fluids Cellular & fluid material contained on swabs & other materials Tissues Bone Respiratory tract Urine	Isolation of micro-organisms of clinical significance	Manual inoculation and culture using in-house procedures: 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 LP-MIC-BASSOP-22 (Bone) LP-MIC-BASSOP-18 (Respiratory) LP-MIC-URINECULT (urine)	BNHH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES and FLUIDS (cont'd)	Microbiological examinations for the purpose of clinical diagnosis (cont'd)	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 *Mycobacterium spp*	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
Enterobacteriaceae and Pseudomonas cultured in-house	Determination of Minimum inhibitory concentration for Colistin	Microbroth dilution using the Bruker UMIC LP-MIC-COLISTIN	BNHH
Yeast isolates cultured in-house	Determination of Minimum inhibitory concentrations for antifungal agents: Amphotericin B, Anidulafungin, Caspofungin, Fluconazole, Isavuconazole, Itraconazole, Micafungin, Posaconazole, Voriconazole	Microbroth dilution using the Thermo Scientific YeastOne LP-MIC-YEASENS	BNHH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES and FLUIDS (cont'd)	Microbiological examinations for the purpose of clinical diagnosis (cont'd)	In-house documented procedures and incorporating relevant manufacturers' instructions	
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 *Clostridioides difficile toxins* A & B	Immunochromatographic test using r-biopharm® RIDA® QUICK Clostridium difficile Toxin A/B testing kit	BNHH
Faeces	Detection of presence/ absence of Cryptosporidium oocysts	Manual microscopy using light microscope or manual microscopy using fluorescence auramine stain and Ziehl-Neelsen 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	Qualitative 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: *Campylobacter spp.* *E. coli* O157 *Salmonella spp.* *Shigella spp.*	LP-MIC-BASSOP-19	BNHH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES and FLUIDS (cont'd)	Microbiological examinations for the purpose of clinical diagnosis (cont'd)	In-house documented procedures and incorporating relevant manufacturers' instructions	
Faeces	*Helicobacter pylori* antigen stool 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
Genital tract	Isolation of micro-organisms of clinical significance including detection of: Bacterial vaginosis (BV) *Trichomonas vaginalis* (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 Carbapenemase 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
Urine	Qualitative detection of *Legionella pneumophilia* serogroup 1 antigen	Rapid immunochromatographic assay using the BinaxNOW Legionella urinary antigen card LP-MIC-BINAXNOW	BNHH RHCH
Urine	Qualitative detection of *Streptococcus pneumoniae* antigen	Rapid immunochromatographic assay using the BinaxNOW *Streptococcus pneumoniae* card	BNHH RHCH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES and FLUIDS (cont'd)	Microbiological examinations for the purpose of clinical diagnosis (cont'd)	In-house documented procedures and incorporating relevant manufacturers' instructions	
Bacterial and yeast isolates cultured in-house	Organism identification	Bruker MALDI Biotyper Sirius LP-MIC-MALDI	BNHH
Positive blood cultures	Organism identification	Automated liquid culture using bioMerieux Virtuo with Bruker MALDI Biotyper Sirius, LP-MIC-SEPSI, LP-MIC-MALDI	BNHH
HUMAN TISSUES and FLUIDS (cont'd)	Serological examinations for investigation for immunity and markers of infectious disease	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)	BNHH
	Qualitative detection of:	Documented in-house procedures and manufacturer's instructions for Roche c702/e801 – Electrochemiluminescence Immunoassay LP-MIC-ASDS	BNHH
Serum	CMV IgG		
Serum	CMV IgM		
Serum	Hepatitis A IgM antibody		
Serum	Hepatitis A total antibody		
Serum	Hepatitis B core antibody		
Serum	Hepatitis B core IgM antibody		
Serum	Hepatitis B e antibody		
Serum	Hepatitis B e antigen		
Serum	Hepatitis B surface antigen*		
Serum	Hepatitis C antibody		
Serum	HIV antibody/antigen*		

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES and FLUIDS (cont'd)	Serological examinations for investigation for immunity and markers of infectious disease	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)	BNHH
	Qualitative detection of:	Documented in-house procedures and manufacturer's instructions for Roche c702/e801 – Electrochemiluminescence Immunoassay LP-MIC-ASDS	BNHH
Serum	Syphilis IgG/IgM antibodies*		
Serum	Toxoplasma antibody test		
Serum	Hepatitis B surface antibody		
Serum	Anti-Streptolysin O (ASO)		
Serum	Rubella IgG antibody		
	Qualitative detection of:	Manufacturer's instructions for Diasorin Liaison XL immunoassay using chemiluminescence in conjunction within house documented methods: LP-MIC-DIASORINXL	BNHH
Serum	Epstein Barr Virus VCA IgG antibody		
Serum	Epstein Barr Virus VCA IgM Antibody		
Serum	Epstein Barr Virus NA antibody		
Serum	Hepatitis C antibody		
Serum	Hepatitis E IgG antibody		
Serum	Hepatitis E IgM antibody		
Serum	Lyme disease IgG antibody		

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES and FLUIDS (cont'd)	Serological examinations for investigation for immunity and markers of infectious disease	Documented in-house methods and manufacturer's instructions	BNHH
	Qualitative detection of:	Manufacturer's instructions for Diasorin Liaison XL immunoassay using chemiluminescence in conjunction within house documented methods: LP-MIC-DIASORINXL	BNHH
Serum	Measles IgG antibody		
Serum	Mumps IgG antibody		
Serum	HIV antibody/antigen		
Serum	Hepatitis B Core antibody		
Serum	Hepatitis B surface antigen		
Serum	Syphilis IgG/IgM antibodies		
Faeces	*H. pylori* stool antigen	Liaison Meridian *H. pylori* SA LP-MIC-HELICO	BNHH
Serum	Quantitative detection of	Manufacturer's instructions for Diasorin Liaison XL immunoassay using chemiluminescence in conjunction within house documented methods: LP-MIC-DIASORINXL	BNHH
	Bordetella pertussis IgG antibody		
	Parvovirus IgG	Parvovirus IgG Plus	
	Parvovirus IgM	Parvovirus IgM Plus	
	Varicella zoster IgG	VZV IgG HT	
Serum	Beta-D-glucan	FUJIFILM Wako (1-3)-B-D-Glucan test, a kinetic turbidimetric assay LP-MIC-BASSOP-BGLU	BNHH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES and FLUIDS (cont'd)	Serological examinations for investigation for immunity and markers of infectious disease	Documented in-house methods and manufacturer's instructions	BNHH
Lithium heparin blood	Interferon gamma release assay for TB detection	Diasorin Liaison XL, QuantiFERON-TB Gold Plus using chemiluminescent immunoassay (CLIA) technology QuantiFERON TB-Gold Plus LP-MIC-BASSOP-100	BNHH
Lithium heparin blood	Preparation steps for Interferon gamma release assay for TB detection prior to referral for testing at BNHH site	LP-MIC-BASSOP-100	RHCH
Serum	Detection of Rapid Plasma Reagin (RPR)	Arlington Scientific RPR Treponemal flocculation test LP-MIC-RPRSER	BNHH
	Molecular examinations for the purpose of clinical diagnosis	In-house documented methods following manufacturers' instructions	
CSF	Molecular detection of DNA/RNA of: *Escherichia coli* K1 *Haemophilus influenzae* *Listeria monocytogenes* *Neisseria meningitidis* *Streptococcus agalactiae* *Cryptococcus gattii/neoformans* Cytomegalovirus Herpes Simplex virus 1 Herpes Simplex virus 2 Human herpesvirus 6 Enterovirus Human parechovirus Varicella zoster virus	Biomerieux Biofire, FilmArray using the Meningitis/Encephalitis (ME) panel, multiplex PCR	BNHH RHCH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES and FLUIDS (cont'd)	Molecular examinations for the purpose of clinical diagnosis (cont'd)	In-house documented methods following manufacturers' instructions	
Nasopharyngeal swabs	Molecular detection of DNA/RNA of: Influenza A Virus (inc H1, H1-2009, H3) Influenza B Virus Respiratory Syncytial Virus (A/B) Metapneumovirus (A/B) Parainfluenza Virus (1-4) Adenovirus Enterovirus Rhinovirus Coronaviruses NL63, 229E, OC43, HKU1 MERS-CoV SARS-CoV2 *Mycoplasma pneumoniae* *Chlamydia pneumoniae* *Bordetella pertussis (ptxP)* *Bordetella parapertussis (IS1001)*	Biomerieux Biofire, FilmArray Respiratory 2.1 plus Panel multiplex PCR LP-MIC-BIOFIRE	BNHH RHCH
Faeces	Detection of DNA/ RNA of medically important organisms including: *Campylobacter spp.* *Clostridioides difficile* *Cryptosporidium parvum* *Entamoeba histolytica* *Giardia lamblia* Norovirus *Salmonella spp.* *Shigella* spp and Shiga toxin 1 & 2 present in *S. dysenteriae* and Shiga-toxin producing *E.coli* (STEC).	Becton Dickinson BDMax analyser Realtime PCR LP-MIC-BASSOP-19 LP-MIC-BDMAX	BNHH
Faeces	Molecular detection of *Clostridioides difficile* DNA	Cepheid GeneXpert Realtime PCR Xpert *C. difficile* LP-MIC-GENEXP	BNHH RHCH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES and FLUIDS (cont'd)	Molecular examinations for the purpose of clinical diagnosis (cont'd)	In-house documented methods following manufacturers' instructions	
Faeces	Molecular detection of Norovirus RNA	Cepheid GeneXpert Realtime PCR Xpert Norovirus LP-MIC-GENEXP	BNHH RHCH
Nasopharyngeal swabs	Molecular detection of RNA of SARS-CoV-2	Cepheid GeneXpert Realtime PCR Xpert Xpress SARS-CoV-2 LP-MIC-GENEXP	BNHH RHCH
Plasma EDTA	Quantification of HIV viral load	Cepheid GeneXpert Realtime PCR Xpert HIV-1 Viral Load LP-MIC-GENEXP	BNHH
Respiratory samples: Nose viral swabs Throat viral swabs	Molecular detection of Influenza A/B and RSV RNA	Cepheid GeneXpert Realtime PCR Xpert Flu/RSV LP-MIC-GENEXP	BNHH
Nasopharyngeal or Nasal swabs	Molecular detection of RNA of SARS-CoV-2, Influenza A and B and RSV	Cepheid GeneXpert Realtime PCR Xpert Xpress LP-MIC-GENEXP s CoV-2/Flu/RSV plus	RHCH
Swabs, urines, isolates	Molecular detection of Carbapenamase producing organisms	GeneXpert Realtime PCR Xpert Carba-R LP-MIC-GENEXP	BNHH
Swab	Molecular detection of MRSA DNA	GeneXpert Realtime PCR Xpert MRSA NxG LP-MIC-GENEXP	BNHH
Swabs and urine	Molecular detection of *N. gonorrhoeae* DNA	Cepheid GeneXpert Realtime PCR, Xpert CT/NG LP-MIC-GENEXP	BNHH
Swabs, urine	Molecular detection of DNA of: *Chlamydia trachomatis* *Neisseria gonorrhoeae*	Roche Cobas 4800 – NAATS PCR LP-MIC-NAATS	BNHH
Swab	Molecular detection of DNA of Herpes virus 1 (HSV1), Herpes virus 2 (HSV2) and Varicella Zoster virus (VZV)	Bio Molecular Systems Magnetic Induction Cycler using Viasure HSV1, HSV2 and VZV using real time PCR LP-MIC-VIASUREHHV	BNHH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES and FLUIDS (cont'd)	Molecular examinations for the purpose of clinical diagnosis (cont'd)	In-house documented methods following manufacturers' instructions	
Swab	Presence/absence Panton-Valentine leucocidin (PVL) DNA	Biomolecular Systems MIC Real time PCR LP-MIC-PVLSOP	BNHH
HUMAN TISSUES and FLUIDS (cont'd)	Mycology examinations for the purpose of clinical diagnosis	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
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			