Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

9133

Accredited to ISO 15189:2022

Gateshead Health NHS Foundation Trust

operating as

South of Tyne & Wear Clinical Pathology Services

Issue No: 013 **Issue date:** 27 October 2026

Sheriff Hill
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Tyne & Wear
NE9 6SX

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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
Address Queen Elizabeth Hospital Gateshead Health NHS Foundation Trust Sheriff Hill Gateshead Tyne & Wear NE9 6SX	**Local contact** As above	Biochemistry Haematology, Blood Transfusion Blood/product storage/issue Microbiology Serology Immunology Histopathology Cytopathology – Non Gynae & Gynae Andrology HPV Screening Service Management of Point of Care Testing Provision – Clinical Chemistry Clinical Haematology Clinical Microbiology	A

Site activities performed away from the locations listed above:

Location details		Activity	Location code
City Hospitals Sunderland Kayll Road Sunderland Tyne & Wear SR4 7TP	Local contact As above	Biochemistry Haematology, Blood Transfusion Blood/product storage/issue Andrology Point of Care Testing Clinical Chemistry, Haematology	B
South Tyneside General Hospital Harton Lane South Shields Tyne & Wear NE34 OPL	Local contact As above	Biochemistry Haematology, Blood Transfusion Blood/product storage/issue Body Store Point of Care Testing Clinical Chemistry, Haematology	C
Queen Elizabeth Hospital Bowel Screening Hub and Point of Care Centre Sheriff Hill Gateshead Tyne & Wear NE9 6SX	Local contact As above	Bowel Screening Service	D
Old Pathology Queen Elizabeth Hospital Gateshead Health NHS Foundation Trust Sheriff Hill Gateshead Tyne & Wear NE9 6SX	Local contact As above	Immunology	F
Queen Elizabeth Hospital Sheriff Hill Gateshead Tyne & Wear NE9 6SX	Local contact As above	Mortuary Services/Body Store	G
City Hospitals Sunderland Kayll Road Sunderland Tyne & Wear SR4 7TP	Local contact As above	Mortuary Services/Body Store	H

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Location details		Activity	Location code
South Tyneside General Hospital Harton Lane South Shields Tyne & Wear NE34 OPL	Local contact As above	Mortuary Services/Body Store	I
Queen Elizabeth Hospital Theatres Gateshead Health NHS Foundation Trust Sheriff Hill Gateshead Tyne & Wear NE9 6SX	Local contact As above	Blood storage/issue	J

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES	Pathological examination activities for the purpose of clinical diagnosis	Documented in-house procedures with manufacturer's instructions	
	Clinical Biochemistry		
	Routine Chemistries:	Roche Cobas c502 and c702 analysers, Roche Cobas Pro (site C) Measurement Principle: Spectrophotometry (End-point, Rate and Immunoturbidimetric) and Ion Selective Electrodes Main SOP reference(s): BC-AUT-SOP-008.ST Roche Cobas Pro Series BC-AUT-SOP-023.QE.SR Roche Cobas C8000 Series BC-AUT-SOP-030.UN Roche Cobas & SWA Analyte SOPs BC-AUT-SOP-020.QE.SR Cobas Link e-Library Non-Roche methods: Buprenorphine analysis on Cobas c702 BC-AUT-SOP-038.QE Bile Acids on Cobas c702 BC-AUT-SOP-037.SR.QE Direct Bilirubin (Waco) c502/c702 BC-AUT-SOP-009.ST Gentamicin (CEDIA) c702 BC-AUT-SOP-006.UN Serum ACE c702 BC-AUT-SOP-045	
Blood, unless specified	A1AT		A, B
	Albumin		A, B, C
Urine only	Albumin		A, B
	ACE		A
	ALT		A, B, C
	ALP		A, B, C
	Amylase(pancreatic)		A, B, C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Clinical Biochemistry (cont'd)		
	Routine Chemistries: (cont'd)		
Blood, unless specified	Adreno Corticotrophin Hormone (ACTH)		A
	Apo B		A
	AST		A, B, C
	B2M		A
	Benzodiazepine		A
	Bicarbonate		A, B, C
	Bile Acids		A, B
	Bilirubin		A, B, C
	Buprenorphine		A
	C3		A, B
	C4		A, B
	Caeruloplasmin		A, B
	Calcium (inc urine)		A, B, C
Urine	Cannabinoids (THC) (urine)		A
	Carbamazepine		A, B
and Urine	Chloride (inc urine A)		A, B, C
	Cholesterol		A, B, C
	CK		A, B, C
	Conjugated Bilirubin		A, B, C
and. Urine	Creatinine (inc urine)		A, B, C
	CRP		A, B, C
	Ethanol		A, B, C
	Gentamicin		A, B, C
	GGT		A, B, C
CSF only	Glucose		A, B, C
	Glucose		A, B
	Haptoglobin		C
	HDL Cholesterol		A, B, C
	Human Growth Hormone		A
	IgA		A, B
	IgE		A
	IgG		A, B
	IgM		A, B
	Insulin Like Growth Factor 1 (IGF-1)		A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Clinical Biochemistry (cont'd)		
	Routine Chemistries: (cont'd)		
Blood, unless specified	Iron		A, B, C
	Lactate		C
	LDH		A, B, C
	Lipoprotein (a)		A
	Lithium		A, B, C
and Urine	Magnesium (inc urine)		A, B, C
	Paracetamol		A, B, C
	Placental Growth Factor (PlGF)		A, B
	Phenobarbitone		A, B
	Phenytoin		A, B
and Urine	Phosphate (inc urine)		A, B, C
and Urine	Potassium (inc urine)		A, B, C
	Porphobilinogen (PBG)		A
and urine, CSF	Protein (inc urine and CSF)		A, B, C
	Procollagen 1 Intact N-Terminal Propeptide (P1NP)		B
	Rheumatoid Factor		A, B
	Salicylate		A, B, C
	Serum Indices		A, B, C
and Urine	Sodium (inc urine)		A, B, C
	Soluble fms-Like Tyrosine Kinase-1 (sFlt1)		A, B
	STFR		A
	Theophylline		A, B, C
	Transferrin		A, B
	Triglyceride		A, B, C
and urine	Urea (inc urine)		A, B, C
and urine	Uric Acid (inc urine)		A, B, C
	Valproate		A, B
	Phenytoin		A, B, C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Clinical Biochemistry (cont'd)		
	Immunoassay:	Equipment: Roche Cobas e801 analysers	
		Measurement Principle: Electrochemiluminescence	
		Main SOP reference(s): Roche Cobas C8000 Series BC-AUT-023.QE.SR Roche Cobas SOPs BC-AUT-SOP-030.UN Cobas Link e-Library BC-AUT-SOP-020.QE.SR Serology Analysis BC-AUT-SOP-031.QE	
Blood	Anti-Mullerian Hormone (AMH)		A
	AFP		A, B
	Anti-HBs	Reporting and reflex testing performed in Microbiology	A
	Anti-HBc	Reporting and reflex testing performed in Microbiology	A
	Anti-HCV	Reporting and reflex testing performed in Microbiology	A
	B12		A, B, C
	CA125		A, B
	CA153		A, B
	CA199		A, B
	CEA		A, B
	Cortisol		A, B, C
	C-peptide		A
	Digoxin		A, B, C
	Oestradiol		A, B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Clinical Biochemistry (cont'd)		
	Immunoassay: (cont'd)		
Blood	fT3		A, B
	fT4		A, B, C
	Ferritin		A, B, C
	Folate		A, B, C
	FSH		A, B
	HBSAg		A
	HCG		A, B, C
	HIV		A
	Insulin		A
	LH		A, B
	NT-Pro-BNP		A, B
	Procalcitonin		B
	Progesterone		A, B, C
	Prolactin		A, B
	PSA		A, B
	PTH		A, B, C
	Rubella		A, B
	SHBG		A
	TBII (TRAB)		A
	Testosterone		A, B, C
	TPO		A, B
	Troponin-T		A, B, C
	TSH		A, B, C
	Vancomycin		B
	Vitamin D		A, B
	Treponema pallidium (syphilis)		A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Clinical Biochemistry** (cont'd)	Documented in-house procedures with manufacturer's instructions	
Blood	HbA1c Analysis	Equipment Roche Cobas c513 analyser Measurement Principle: Turbidimetric Inhibition Immunoassay and Spectrophotometry Main SOP reference BC-AUT-017.QE	A
Blood and Fluids	Blood Gas Parameters:	Equipment: ABL90 Flex Plus blood gas analyser Measurement Principle: Ion Selective Electrodes and Spectroscopy Main SOP reference(s): Blood Gas Measurement using the ABL90 Flex Plus blood gas analyser PC-GAS-SOP-006.UN	
	pH		A,B,C
	pO2		A,B,C
	pCO2		A,B,C
	Bilirubin		A,B,C
	Calcium		A, C
	Lactate		A,B
	Glucose		A,B
	Potassium		A,B
	Sodium		A,B,C
	COHb		A,B,C
	MetHb		A,B,C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions.	
	Clinical Biochemistry (cont'd)		
Urine	Drugs of Abuse, Adrenaline Metabolites and cortisol:	Equipment: Waters UPLC-TQ detector Measurement Principle: High Performance Liquid Chromatography and Mass Spectrometry Main SOP reference(s): Drugs of Abuse Analysis by LCMS BC-ROU-SOP-021.QE & Reporting BC-ROU-SOP-008.QE Urinary Metadrenalines by LCMS BC-ROU-SOP-023.QE & reporting BC-ROU-SOP-020.QE	
	Morphine		A
	Acetyl-Morphine		A
	Codeine		A
	Dihydrocodeine		A
	EDDP		A
	Methadone		A
	Amphetamine		A
	MDA		A
	MDMA		A
	MDEA		A
	Cocaine Metabolites		A
	Metadrenalin		A
	Normetadrenalin		A
	3-Methoxytyramine		A
	Cortisol (urine)	Urine Cortisol BC-ROU-SOP-035.QE	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Clinical Biochemistry (cont'd)		
Blood	Androgen profile	Equipment Waters UPLC-TQ detector Measurement principle: High Performance Liquid Chromatography and Mass Spectrometry Main SOP reference: BC-ROU-SOP-033.QE Reporting BC-ROU-SOP-034.QE	
	Testosterone		A
	17-hydroxy progesterone		A
	Androstenedione		A
	DHEAS		A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Clinical Biochemistry** (cont'd) Spectroscopy:	Documented in-house procedures with manufacturer's instructions	
CSF and Urine	Xanthochromia	UVIKON XS spectrophotometer Measurement principle: spectrometry Main SOP reference BC-ROU-SOP-030.QE	A
Urine	Porphyrin screen	UVIKON XS spectrometer Measurement principle; spectrophotometry Main SOP reference: BC-ROU-SOP-022.QE	A
Urine	Porphobilinogen screen	UVIKON XS spectrophotometer Measurement Principle: Anion exchange chromatography (Biorad) & Spectroscopy Main SOP reference(s): Urine Porphobilinogen BC-ROU-SOP-003.QE	A
Calculi	Renal Calculi Analysis:	Equipment: Nicolet Summit Pro FT-IR Analyser Measurement Principle: Infra-Red Spectroscopy Main SOP reference(s) Renal Calculus Analysis BC-ROU-SOP-001.QE	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Clinical Biochemistry** (cont'd) Protein Section:	Documented in-house procedures with manufacturer's instructions	
Blood	Serum Protein Electrophoresis and Immunotyping	Helena V8 Nexus Capillary Zone Electrophoresis Main SOP references BC-ROU-SOP-043.QE Helena V8 Nexus Routine Operation BC-ROU-SOP-046.QE Electrophoresis interpretation & Immunotyping- using Helena Platinum	A
Serum and Urine	Immunofixation Electrophoresis (IgG, IgA, IgM, IgD and IgE)	Helena V8, SAS3 and SAS4 analysers Main SOP references BC-ROU-SOP-0440.QE Immunofixation Electrophoresis Using Helena V8, SAS 3 & SAS 4 BC-ROU-SOP-045.QE Bence Jones Protein Using the Helena V8, SAS3 and SAS 4 Instruments	A
Blood and Urine	Osmolality:	Equipment: OSMO 1 Measurement Principle: Depression of Freezing Point Main SOP reference(s) Serum / Urine Osmolality BC-ROU-SOP-002.UN	A, B, C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Clinical Biochemistry (cont'd)		
	Miscellaneous:		
Faeces	Calprotectin	Roche C8000 series – turbidimetry BC-AUT-SOP-030.UN	A
Faeces	Faecal Immunochemical Test (symptomatic)	MAST OC Sensor Pledia using latex turbidimetry PC-FIT-SOP-001.UN	A
Faeces cards	Faecal Immunochemical Test (screening)	MAST OC Sensor Pledia using latex turbidimetry BO-LAB-SOP-024.QE	D
	Calculated parameters	Calculated tests are calculated within the LIMS (MediTech)	
	Estimated GFR.		A, B, C
	Acute kidney Injury stage.		A, B, C
	LDL cholesterol.		A, B, C
	Non-HDL cholesterol.		A, B, C
	STFR ratio.		A, B, C
	Calculated osmolality.		A, B, C
	Creatinine clearance.		A, B, C
	Adjusted calcium.		A, B, C
	Urine Calcium: Creatinine ratio.		A, B, C
	Transferrin saturation.		A, B, C
	Free androgen Index.		A, B, C
	FIB4 score		A, B, C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES(cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Haematology/ Transfusion** Routine Haematology	Documented in-house procedures with manufacturer's instructions	
Blood	Full Blood Count -RBC -WBC -HCT -RDW -MCV -MCH -MCHC -PLATELET -NEUTROPHIL -LYMPHOCYTE MONOCYTE -EOSINOPHIL -BASOPHIL -NRBC Reticulocytes	Manufacturers Analyser (Sysmex, XN10/20,) using fluorescent flow cytometry and hydrodynamic focusing technologies. HA-ROU-SOP-001.QE, HA-ROU-SOP-025.SR.ST	A, B, C
Blood	Erythrocyte Sedimentation Rate	Vitech Scientific InteRRliner and Compact. Westergren Method. SOP HA-ROU-SOP-008.QE/SR	A ,B, C
Blood	Haemoglobin	Manufacturers Analyser (Sysmex, XN10/20,) using Sodium Lauryl Sulphate using a Photometric Methodology. SOP HA-ROU-SOP-001.QE, HA-ROU-SOP-025.SR.ST	A, B, C
Blood	Blood Film for detection of abnormal cells	Manufacturers Analyser (Sysmex SP10) and Manual method, using Sysmex Staining (May Grunwald Giemsa). SOP HA-ROU-SOP-002.UN	A, B, C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Haematology/Transfusion** (cont'd) Routine Haematology (cont'd)	Documented in-house procedures with manufacturer's instructions	
Marrow	Bone marrow staining for detection of abnormal cells	Manufacturers Analyser (Sysmex SP10) and Manual method, using Sysmex Staining (May Grunwald Giemsa). SOP HA-ROU-SOP-002.UN	A, B, C
Blood	Detection presence of Infectious Mononucleosis (Glandular Fever) heterophile antibodies.	Clearview IM for the qualitative detection of Infectious Mononucleosis using a glycoprotein from bovine erythrocytes. HA-ROU-SOP-020.UN	A, B, C
Blood	Detection of abnormal Haemoglobin variants and measurement of HbA2 and HbF	Sebia Automated Capillary 3 OCTA Electrophoresis system HA-ROU-SOP-103.QE	A
Blood	Malarial screening - Differentiation between Plasmodium falciparum and non-Plasmodium falciparum infections.	Immuno-chromatographic test using CareUS rapid monoclonal antibodies against 'parasite lactate dehydrogenase' and 'Histidine-Rich Protein 2' HA-ROU-SOP-024.UN	A, B, C
Blood	Qualitative Solubility test for Sickling Haemoglobins	(Streck-SICKLECHEK) using Sodium Hydrosulphite and Saponin HA-ROU-SOP-036.UN Haemoglobin S Solubility Test	A, B, C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Haematology/Transfusion** (cont'd) Coagulation	Documented in-house procedures with manufacturer's instructions	
Plasma	Prothrombin Time APTT Clauss Fibrinogen Thrombin Time D-Dimer Lupus Anti-coagulant Reptilase Anti-Xa assay (site A) INR APPT ratio	STAGO STA Max analysers utilising a Viscosity Based (Mechanical) Detection System Neoplastin R Actin FS and SynthAsil STA Liquid Fibrinogen STA Thrombin STA Liatest DD STAClot DRVV STA-Liquid anti Xa (chromogenic) HA-COA-SOP-014.UN HA-COA-SOP-017.UN HA-COA-SOP-018.UN HA-COA-SOP-019.UN HA-COA-SOP-020.UN HA-COA-SOP-013 HA-COA-SOP-022.UN HA-COA-SOP-023.UN HA-COA-SOP-025.UN HA-COA-SOP-026.UN HA-COA-SOP-028.UN HA-COA-SOP-029.UN HA-COA-SOP-034.UN	A, B, C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Haematology/Transfusion** (cont'd) Antenatal & Newborn Screening	Documented in-house procedures with manufacturer's instructions Documented -in-house methods to meet the requirements of the Sickle Cell and thalassemia screening programme(s) as defined in the July 2018 'NHS Sickle Cell and thalassemia screening: laboratory QA evidence requirements"	
Serum	Thrombophilia Screen Protein C, Protein S, Antithrombin III	Stago STA-R Max coagulation analyser	A
	Blood Transfusion	Grifols Erytra and Eflexis Blood Grouping System	
Blood	Blood Group by detection and identification of antigens: A D Positive AB D Positive B D Positive D Positive A D Negative AB D Negative B D Negative D Negative O positive O negative Crossmatch	 HA-BTX-SOP-006.UN Manual Blood Grouping Techniques HA-BTX-SOP-015.UN HA-BTX-SOP-022.UN Serological Crossmatch (IAT) HA-BTX-SOP-009.UN Antigen Typing	A, B, C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Haematology/Transfusion** (cont'd) Blood Transfusion (cont'd)	Documented in-house procedures with manufacturer's instructions Grifols Erytra and Eflexis Blood Grouping System with suppliers methods; Manual Grifols gel cards	
Blood	Antibody Screen by detection of antibodies to: Rh which includes anti-C, D, E, c, e, f, Cw K, k, Kpa , Kpb , Fya , Fya , Jka, Jkb Lea, Leb S, s, M, N P1 Lua , Lub	HA-BTX-SOP-007.UN Manual Antibody Screen HA-BTX-SOP-008.UN Antibody identification	A, B, C
Blood	Diagnosis of Feto-Maternal Haemorrhage (FMH)	manual staining – acid elution – Shepard's stain kit for FMH HA-BTX-SOP-019.UN	A, B, C
Blood	Direct Antiglobulin Test (DFAT) AHG, IgG and Cd3	Gel Cards HA-BTX-SOP-024.UN Differential DAT HA-BTX-SOP-086.UN Using the NHSBT Rh Negative Screen	A, B, C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Immunology**	Documented in-house procedures with manufacturer's instructions	
Serum	Detection of ELiA IgA -tissue Transglutaminase Antibodies (Abs)	Phadia 250 using FEIA. IM-ICP-SOP-003	A
Serum	Detection of ELiA IgG -Citrullinated Cyclic Peptide Abs -ENA Abs Screen -Ro Abs -La Abs -RNP/Sm Abs -Sm Abs -Jo1 Abs -Scl70 Abs -CENP Abs -dsDNA Abs -MPOs Abs -PR3s Abs -GBM Abs -Cardiolipin Abs -Beta-2-Glycoprotein A Abs -Tissue Transglutaminase Abs -M2 -Intrinsic Factor Antibody	Phadia 250 using FEIA. IM-ICP-SOP-004	A
Serum	ELiA IgM -Cardiolipin Abs -Beta-2-Glycoprotein Abs	Phadia 250 using FEIA. IM-ICP-SOP-005	A
Serum	Detection of Mast Cell Tryptase	Phadia 250 using CAP technology. IM-ICP-SOP-007	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **<u>Immunology</u>** (cont'd)	Documented in-house procedures with manufacturer's instructions	
Serum	Detection of Specific IgE Ara hA (peanut) -Ara h2 (peanut) -Ara h3 (peanut) -Ara h8 PR-A0 (peanut) -Ara h9 LTP (peanut) -Cor aA PR-A0 (hazel nut) -Cor a8 LTP (hazel nut) -Omega-5-Gliadin (wheat) -Ovomucoid (egg) -Bet VA (birch) -Budgerigar droppings -Cat epithelium & dander -Chicken feathers -Cow dander -Dog dander -Duck feathers -Gerbil epithelium -Goat epithelium -Guinea Pig epithelium -Hamster epithelium -Horse dander -Mixed feathers A -Mixed feathers 2 -Parrot feathers -Pigeon feathers -Rabbit epithelium -Rat Sheep epithelium -Amoxicilloyl -Penicilloyl G -Penicilloyl V -Almond	Phadia 250 using CAP technology. IM-ICP-SOP-006	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Immunology** (cont'd)	Documented in-house procedures with manufacturer's instructions	
Serum (cont'd)	Detection of Specific IgE (cont'd) -Apple -Avocado -Banana -Barley -Blue mussel -Blueberry -Brazil nut -Brussel sprout -Buck wheat -Cacao -Carrot -Cashew nut -Celery -Cheese (cheddar type) -Cherry -Chick pea -Chicken -Chilli pepper -Coconut -Crab -Egg -Egg white -Egg yolk -Fish (cod) -Fish mix 1 -Garlic -Gluten Goats milk -Grape -Grapefruit -Haddock -Hazel nut -Kiwi fruit -Lemon	Phadia 250 using CAP technology. IM-ICP-SOP-006	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Immunology** (cont'd)	Documented in-house procedures with manufacturer's instructions	
Serum (cont'd) Serum/Plasma	Detection of Specific IgE (cont'd) -Lentil -Lime -Lobster -Lupin seed -Macadamia nut -Maize,corn -Malt -Mandarin -Mango -Melon -Milk -Mushroom -Mustard -Mutton -Nut mix 1 -Nut mix 2 -Oat -Onion -Orange -Pea -Peach -Pear -Peanut -Pecan nut -Pineapple -Pistachio -Plum -Pork Potato -Rape seed -Raspberry -Rice -Salmon -Sesame seed -Shrimp -Soybean	Phadia 250 using CAP technology. IM-ICP-SOP-006	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Immunology** (cont'd)	Documented in-house procedures with manufacturer's instructions	
Serum (cont'd) Serum/Plasma	Detection of Specific IgE (cont'd) -Strawberry -Sweet chestnut -Tomato -Tuna -Walnut -Wheat -White bean -Yeast -Barley pollen -Cultivated oat pollen -Cultivated Rye pollen -Cultivated wheat pollen -Grass pollen mix -Maize, corn pollen -Rye pollen -Timothy grass pollen -Common House Dust Mite -European House Dust Mite -Honey bee venom -Latex -Alternaria alternate -Aspergillus fumigatus -Cladoporium herbarum -Mould mix -Silver birch pollen -Tree pollen mix -Mugwort pollen -Rape pollen -Sheep sorrel -Weed pollen mix	Phadia 250 using CAP technology. IM-ICP-SOP-006	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Immunology** (cont'd)	Documented in-house procedures with manufacturer's instructions	
Serum	Detection of Specific IgG Aspergillus fumigatus -Budgerigar droppings -Budgerigar feathers -Pigeon serum -Pigeon feathers	Phadia 250 using CAP technology. IM-ICP-SOP-008	A
Serum	Autoimmune Hepatitis Profile -SLA -LKMA -LCA	Enzyme Immunoblot using EuroBlotOne IM-EUR-SOP-008	F
Serum	Autoimmune diagnostics: - Liver profile - Autoimmune inflammatory myopathy - Neuronal antigens	Enzyme Immunoblot using EuroBlotOne IM-EUR-SOP-008.UN IM-EUR-SOP-009.UN	F
Serum	Paraneoplastic Antibody Profile -Hu -Yo -Ri -Amphiphysin -CV2 -Ma2 -recoverin -SOXA -titin -zic4 -GAD65 -Tr	Enzyme Immunoblot using EuroBlotOne IM-EUR-SOP-010	F

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Immunology** (cont'd)	Documented in-house procedures with manufacturer's instructions	
Serum	Autoimmune Inflammatory Myopathies Myositis Antibody Profile 16 Ag (Mi-2α, Mi-2β, TIF1γ, MDA5, NXP2, SAE1, Ku, PM-Scl100, PM-Scl75, Jo-1, SRP, PL-7, PL-12, EJ, OJ and Ro-52) - Extended profile Detection of Functional Antibodies:	EuroBlotOne using enzyme immunoblot IM-EUR-SOP-006 IM-EUR-SOP-009.UN	A
Serum	-HIB	DS2 using ELISA. IM-DS2-SOP-004	A
Serum	-PCP	DS2 using ELISA. IM-DS2-SOP-003	A
Serum	-Tetanus	DS2 using ELISA. IM-DS2-SOP-005	A
Serum	GAD Antibodies	DS2 using ELISA. IM-DS2-SOP-006	A
Serum	Islet Cell Antigen Type 2	DS2 using ELISA. IM-DS2-SOP-010	A
Serum	Anti-Histone Antibody	DS2 using ELISA. IM-DS2-SOP-009	A
Serum	Anti-ZnT8 Antibody	DS2 using ELISA. IM-DS2-SOP-011	A
Serum	Serum Free Light Chains	Optilite (Binding Site) analyser using turbimetry. IM-OPT-SOP-003	A
Serum	Immunoglobulin Subclasses (IgGA, IgG2, IgG3, IgG4)	Optilite (Binding Site) analyser using turbimetry. IM-OPT-SOP-004	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Microbiology** Microbiology examination activities for the purpose of clinical diagnosis	In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant	
Urine	Urinalysis for the detection and quantification of bacteria and cellular presence: White blood cells, Red blood cells, Squamous epithelial cells, Bacterial cells, Yeast cells & fungal hyphae, Granular, hyaline & cellular casts	Light Microscopy Roche u701 Urine Analyser MC-CUL-SOP-034.QE MC-CUL-SOP-004.QE Manual Urine Culture for and Microscopy	A
Sputum, Pleural fluid, Bronchoalveolar lavage		MC-CUL-SOP-014.QE Examination of Sputum for Routine Culture MC-CUL-SOP-015.QE Bronchoalveolar Lavages	A
Faeces		MC-CUL-SOP-020.QE Enteric Culture MC-CUL-SOP-024.QE C. difficile carriage	A
Genital swabs	Including presence of bacterial vaginosis, presence of Trichomonas vaginalis	MC-CUL-SOP-006.QE Microscopy and Examination of Genital Tract Specimens	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant	
	Microbiology (cont'd)		
Wound swabs, Pus		MC-CUL-SOP-023.QE - examination of Swabs - Skin, Superficial and Non-surgical swabs	A
Body fluids (from blisters, burns, ascites, CAPD fluids)		MC-CUL-SOP-032.UN Examination of Body Fluids	A
Tissue		MC-CUL-SOP-029.QE Examination of corneal scrapes MC-CUL-SOP-032.QE Examination of tissue samples	A
Line tips		MC-CUL-SOP-033.QE Examination of line tips and associated samples	A
Skin, Nail and Hair	Detection, Isolation and identification of fungi of clinical significance	MC-CUL0SOP-061.QE Mycology Culture	A
Screening swabs	Screening for MRSA/MSSA/VRE	MC-CUL-SOP-028.QE Screening swabs MRSA, MSSA (including renal screen),VRE	A
Joint fluids	Detection and identification of birefringent crystals	MC-CUL-SOP-039.QE Examination of Joint Fluid for crystals using Polarised Light Microscopy	A
Blood	Isolation and characterisation of microorganisms of clinical significance in blood	Biomerieux Virtuo automated continuous monitoring blood culture system MC-CUL-SOP-019.QE Investigation of Blood Cultures	A
CSF	Presence of bacteria and differentiation of white cells and isolation/ characterisation of microorganisms of clinical significance	MC-CUL-SOP-013.UN CSF investigations. Direct microscopy using modified Fuchs Rosenthal counting chamber, differential WBC counts, gram stain and culture	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Microbiology** (cont'd)	In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant	
Bacterial cultures	Identification/classification of microorganisms	Gram Staining MC-IDS-SOP-007.QE	A
Bacterial cultures	Automated identification and classification of microorganisms of clinical significance	Biomerieux Vitek MS Prime MC-IDS-SOP-029.QE MALDI-TOF Biotyper Identification using Matrix-assisted laser desorption ionization–time of flight mass spectrometry (MALDI-TOF)	A
Bacterial Cultures, Blood cultures, Urine	Antibiotic Susceptibility testing	MC-IDS-SOP-003.QE Manual using Disc Susceptibility Testing and and E-Test (EUCAST) MC-IDS-SOP-006.QE ETEST SOP	A
Bacterial & Fungal Cultures	Colistin MIC susceptibilities and Fungal Yeast susceptibilities	Merlin Micronaut Colistin MIC MC-IDS-SOP-023 Merlin Micronaut Yeast MIC MC-IDS-SOP-024	A
Bacterial Cultures	Confirmation of Streptococcus pneumoniae	Wellcogen Strep pneumoniae Latex agglutination test MC-IDS-SOP-025.	A
Urine	Rapid detection of Legionella pneumophilia serogroup A and Pneumococcal Antigen	Immunochromatographic method: MC-IDS-SOP-022.QE Legionella urine antigen test (Sofia) and MC-CUL-SOP-046 (Pneumococcal urine Antigen (Sofia)	A
Faeces	Rapid detection of presence of Rota/adenovirus	Bioconnections Gastrovir MC-CUL-SOP-021.QE Rota/Adenovirus testing	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Microbiology** (cont'd)	In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant	
Urine	Detection of b-HCG to assist in confirmation of pregnancy	Invitech MC-SER-SOP-011.QE Pregnancy test	A
Faeces	Identification of enteric parasitic infection (Ova, Cysts, parasites)	Parasep system Light Microscopy MC-CUL-SOP-027.QE Parasite investigations	A
Serum	Detection of Syphilis rapid plasma reagin	MC-SER-SOP-013.QE RPR test for syphilis	A
	Serological examinations for investigation for immunity and markers of infectious disease Quantitative & Qualitative detection of antibodies to following: -	Documented in-house procedures with manufacturer's instructions	
Faeces	GDH antigen	Gemini Analyser – ELISA MC-SER-SOP-006-QE Gemini, maintenance, decontamination and use	A
Faeces	Faecal calprotectin	MICSERPR028 Faecal Calprotectin (EIA) on Phadia 100	
Faeces	Rotavirus/Adenovirus antigen	Immunochromatographic strips MC-CUL-SOP-021.QE Rotavirus/Adenovirus test (Techlab)	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	<u>Serological examinations for investigation for immunity and markers of infectious disease</u> (cont'd) Quantitative & Qualitative detection of antibodies to following: - (cont'd)	Documented in-house procedures with manufacturer's instructions	
Serum	Antibodies to Treponema pallidum Rubella IgG Hepatitis B Surface Antigen Hepatitis C antibody HIV Ag/Ab combo Hepatitis B core Anti Hbs	Roche e801Electrochemiluminescence immunoassay MC-SER-SOP-002.QE Serology testing on e801 Biochemistry analyser	A
Serum	Detection of interferon-gamma following stimulation of T cells in-vitro, as an indicator of Tuberculosis specific antigen-mediated cell response	TB QuantiFERON Gold Serological testing using the Liaison QuantiFERON TB Gold Plus/ Diasorin Liaison XL MC-SER-SOP-021.QE	
Serum	Measles IgG CMV IgM and IgG EBV IgM, IgG and EBNA Hepatitis A IgM Toxoplasma	Biomerieux Vidas – using Enzyme linked fluorescent assay -ELFA MC-SER-SOP-001.QE Vidas	
Serum	Hepatitis A total antibodies	Biomerieux Vidas – using Enzyme linked fluorescent assay C8. MC-SER-SOP-001	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Serological examinations for investigation for immunity and markers of infectious disease (cont'd) Molecular testing for quantification of DNA/RNA for specific organisms, viruses	Documented in-house procedures with manufacturer's instructions	
Genital swabs/urines Rectal swabs Pharyngeal swabs Faeces Ophthalmic swabs	Detection of: - Chlamydia trachomatis / Neisseria gonorrhoea DNA TV/MG	Cobas 6800 and 8800 MC-PCR-SOP-005.UN Chlamydia and GC PCR on the COBAS 4800	A
Vaginal or self taken cervical swab	Chlamydia trichomonas Neisseriae gonorrhoeae confirmation	Cepheid GeneXpert – PCR C2.0 MC-PCR-SOP-010	A
Blood	Anti-HBs	Test performed in Biochemistry and reporting and reflex testing performed in Microbiology	A
	Anti-HBc	Test performed in Biochemistry and reporting and reflex testing performed in Microbiology	A
	Anti-HCV	Test performed in Biochemistry and reporting and reflex testing performed in Microbiology	A
Swabs/respiratory samples	Detection of Respiratory bacterial and viral pathogens of clinical significance	Biomerieux Biofire Film Array MC-PCR-SOP-026.QE	A
Cerebrospinal fluid (CSF)	Detection of bacterial, viral and fungal pathogens using multiplex PCR	Biomerieux BioFire FilmArray. MC-PCR-SOP-018.QE	A
Swabs, vesicle fluids	Extraction of DNA for use in identification of VzV, HSV and Syphilis	Syphilis PCR Extraction and SpeeDx PlexPCR VHS (Promega Maxwell) MC-PCR-SOP-032.QE	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Serological examinations for investigation for immunity and markers of infectious disease (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Detection of nucleic acids to following: -		
	HPV - DNA	MC-PCR-SOP-006.QE HPV PCR on the Cobas 6800/8800	A
	Norovirus - RNA	MC-PCR-SOP-004.QE GeneXpert - Norovirus	A
	Antenatal and Newborn Screening	Documented in-house methods to meet the requirements of the Infectious Diseases in Pregnancy Screening Programme as defined in the July 2018 'IDPS laboratory QA requirements'	A
Nose and throat swabs in VTM	Detection and differentiation of lineage β-betacoronavirus (β-βCoV) and Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) specific RNA. Specifically, E and Orf1a/b gene targets	Roche Cobas 6800 using cobas® SARS-CoV-2 RT-PCR	A
Faeces	C difficile - DNA	MC-PCR-SOP-003.QE GeneXpert – Cepheid C difficile gene toxin	A
Faeces	C difficile Toxin A&B	ELISA Gemini C7.0 MC-CUL-SOP-009	A
Faeces	Carbapenemase DNA	MC-CUL-SOP-022.QE Carbapenemase-Producing Enterobacteriaceae (CPE) Screening – Cepheid PCR	A
Blood	Factor II & V - DNA	MC-PCR-SOP-002.QE GeneXpert – FII & FV Testing	A
Faeces	Diagnosis of enteric bacterial and protozoal pathogens of clinical significance	Multiplex PCR using Serosep MC-PCR-SOP-014.QE	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Serological examinations for investigation for immunity and markers of infectious disease (cont'd)	Documented in-house procedures with manufacturer's instructions	
Faeces	Diagnosis of Helicobacter pylori	Diasorin Liaison XL with Liaison Meridian H pylori SA Assay MC-SER-SOP-023-QE	A
	Cellular Pathology		
	Examinations in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis		
Human Tissue	Specimen dissection		A
Formalin Fixed Tissue	Specimen embedding/histology processing	Production of paraffin wax blocks using a Sakura Vacuum Impregnation Processing machine (VIP) and section cutting using Leica Microtomes. CP-HIS-SOP-012.UN Operation and Troubleshooting of Tissue Tek VIP Processors CP-HIS-SOP-013.UN Maintenance and Changing of Tissue-Tek VIP Processor CP-HIS-SOP-004.UN Histology Paraffin Block Embedding CP-STQ-SOP-005.UN Decalcification and Processing of Histology Samples	
Formalin fixed paraffin embedded tissue blocks	Section cutting	CP-HIS-SOP-005.UN Histology Section Cutting	A
Fresh frozen tissue	Frozen section in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Frozen section CP-STQ-SOP-002 UN Frozen section receipt, handling and processing Rapid stain with Haematoxylin/Eosin CP-STQ-INS-001.UN	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis **Cellular Pathology** (cont'd) Examinations in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
4 µm Formalin fixed paraffin embedded tissue sections	Staining for the identification of clinically significant abnormal and normal cells and tissue components	The haematoxylin and eosin stain (H&E) • CP-HIS-SOP-006.UN - The Maintenance and Use of The Tissue Tek®Prisma and Film Cover Slipper	A
	Immunohistochemistry		
4 µm Formalin fixed paraffin embedded tissue sections	Immunohistochemistry for the identification of cells/diseases below: -	In house documented procedures & manufacturer's instructions using Ventana Benchmark Ultra system automated ICC CP-ICC-SOP-001.UN – Immunohistochemistry Procedure	A
	Smooth Muscle. Germ cell tumours and hepatocellular carcinoma. Prostate carcinoma. Desmoid-type fibromatosis, synovial sarcoma, endometrial stromal sarcoma. Mesothelioma. Follicular lymphoma. Pan—T cell marker. Pan B cell marker Reed Sternberg cells.	ACTIN ALPHA FETO PROTEIN AMACR (alpha methylacyl coenzyme A racemase) Beta Catenin CALRETININ CD10 MARKER CD 3 (T CELL MARKER) CD 20 (B CELL MARKER) CD30	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Immunohistochemistry** (cont'd)	Documented in-house procedures with manufacturer's instructions	
4 µm Formalin fixed paraffin embedded tissue sections (cont'd)	Immunohistochemistry for the identification of cells/diseases below: - (cont'd)	In house documented procedures & manufacturer's instructions using Ventana Benchmark Ultra system automated ICC CP-ICC-SOP-001.UN – Immunohistochemistry Procedure	A
	Endothelial cells. Neuroendocrine tumour. Histiocytes. Pan B cell marker. Neuroectodermal tumour cells. GIST tumours. Intestinal epithelium. Colorectal cancers.	CD34 CD56 CD68 CD79A MARKER CD99 CD117 CDX2 CARCINOEMBRYONIC ANTIGEN
	Neuroendocrine cells. Broad spectrum epithelial marker. Epithelial marker. Epithelial neoplasms. Breast, lung, endometrial adeno Ca. Basal epithelial cells. GI tract epithelia. Small bowel / stomach epithelia.	CHROMOGRANIN CYTOKERATIN (MNF) CYTOKERATIN AE1/AE3 CYTOKERATIN 5/6 CYTOKERATIN 7 CYTOKERATIN 14 CYTOKERATIN 19 CYTOKERATIN 20
	CMV infection. Mantle cell lymphoma. Lymphatic endothelium. Desmin filaments in muscle. . Non-Small Cell lung cancer. Non-Small Cell lung cancer. Non-Small Cell lung cancer. Non-Small Cell lung cancer.	CYTOMEGALOVIRUS (CMV) Cyclin D1 D2-40 ICC DESMIN . DUAL STAINING: CK5/6/TTF-1 DUAL STAINING: CK7/P63 DUAL STAINING OF D2-40 AND CK AE1/AE3 /PCK26 ANTIBODIES DUAL STAINING OF CD34 AND CK AE1/AE3/PCK26 ANTIBODIES

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Immunohistochemistry** (cont'd)	Documented in-house procedures with manufacturer's instructions	
4 µm Formalin fixed paraffin embedded tissue sections (cont'd)	Immunohistochemistry for the identification of cells/diseases below: - (cont'd)	In house documented procedures & manufacturer's instructions using Ventana Benchmark Ultra system automated ICC CP-ICC-SOP-001.UN – Immunohistochemistry Procedure	A
	Basal cell carcinoma	BASAL CELL COCKTAIL (BCC, 34BE12+P63) AND AMACR (ALPHAMETHYLACYL COENZYME A RACEMASE) ANTIBODIES
	Epithelial marker.	E-CADHERIN
	Epithelial cells.	EPITHELIAL MEMBRANE ANTIGEN
	Endothelial cells	FACTOR VIII
	Endothelial cells.	FACTOR VIIIa
	Breast epithelium.	GATA-3
	Smooth muscle – leiomyomas.	H-CALDESMON
	Germ cell tumour marker.	HCG
	Differentiates adenocarcinoma from mesothelioma.	HEA (BerEP4)
	Indicates suitability for Herceptin therapy.	HER2
	Hepatocyte Specific Antigen.	OCH1E5 mouse monoclonal antibody (HSA)
	Melanocytic cells.	HMB45
	Differentiates adrenocortical tumours from sex cord tumours.	INHIBIN A
	Proliferation marker.	KI-67 MARKER
	Hodgkin's lymphoma.	LEUCOCYTE COMMON ANTIGEN
	Melanocytes/melanomas.	MELAN A
	Melanoma.	MELAN A Red
	Germinal centre B cells, plasma cells and activated t cells.	MUM 1
	Lung adenocarcinoma.	NAPSIN A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Immunohistochemistry** (cont'd)	Documented in-house procedures with manufacturer's instructions	
4 µm Formalin fixed paraffin embedded tissue sections (cont'd)	Immunohistochemistry for the identification of cells/diseases below: - (cont'd)	In house documented procedures & manufacturer's instructions using Ventana Benchmark Ultra system automated ICC CP-ICC-SOP-001.UN – Immunohistochemistry Procedure	A
	Breast carcinoma. Seminoma, germinoma, dysgerminoma, embryonal carcinoma, gonadoblastoma. Gynae tumours. HPV marker. Tumour suppressor gene. Beckwith-Wiedemannsyndrome/hydatidiform mole Basal epithelium. Germ cell tumours. Breast tumours. Prostate carcinoma marker Prostate carcinoma marker Renal cell carcinomas Nerves, glial cells, melanoma marker Smooth muscle tumours Sry-related HMG-BOX gene 10 Synaptic and neuroendocrine Thyroid tumours Thyroid/ thyroid tumours/lung tumours Vascular smooth muscle/fibroblasts/endothelial cells/Langerhan's cells Tumour suppressor gene	OESTROGEN RECEPTOR OCT4 PAX-8 p16 p53 P57 p63 PLACENTAL ALKALINE PHOSPHATASE PROGESTERONE RECEPTOR PROSTATE SPECIFIC ANTIGEN PROSTEIN RENAL CELL CARCINOMA MARKER S100 SMOOTH MUSCLE MYOSIN SOX 10 DAB and SOX 10 Red SYNAPTOPHYSIN THYROGLOBULIN THYROID TRANSCRIPTION FACTOR 1 VIMENTIN WILMS TUMOUR SUPPRESSOR GENE MARKER (WT1)	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
4 µm Formalin fixed paraffin embedded tissue sections	Staining to identify suspected pathogens or demonstrate specific cellular components that aid in the evaluation of disease states	Tinctorial staining techniques performed on Roche Benchmark Special Staining machine following the Roche protocol for the use "Benchmark Special Staining System Operator guide" and CP-SST-SOP-001.UN – Special Stain Procedures (and can also be performed manually) using the following SOP's:	A
	Mixed Mucins	CP-SST-INS-001 Alcian Blue PAS/DPA	
	Acid Mucins	CP-SST-INS-003.UN Special Stain: Alcian Blue	
	Amyloid	CP-SST-INS-005.UN Special Stain: Congo Red	
	Acid & Neutral mucins	CP-SST-INS-015.UN Special Stain: Periodic Acid Schiff	
	Fungi	CP-SST-INS-007.UN Special Stain: Grocotts Hexamine Silver stain for Fungi	
	Reticulin	CP-SST-INS-019.UN Special Stain: Reticulin	
	Glomerular Basement Membrane	CP-SST-INS-010.UN Special Stain: Methenamine Silver	
	Iron	CP-SST-INS-016.UN Special Stain: Perls Prussian Blue	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
4 µm Formalin fixed paraffin embedded tissue sections (cont'd)	Staining to identify suspected pathogens or demonstrate specific cellular components that aid in the evaluation of disease states (cont'd)	Tinctorial staining techniques performed on Roche Benchmark Special Staining machine following the Roche protocol for the use "Benchmark Special Staining System Operator guide" and CP-SST-SOP-001.UN – Special Stain Procedures and(and can also be performed manually) using the following SOP's:	A
	Mycobacteria: Modified bacilli and atypical bacilli	CP-SST-INS-023.UN Special Stain: Ziehl Neelsen	
4 µm Formalin fixed paraffin embedded tissue sections	Staining to identify suspected pathogens or demonstrate specific cellular components that aid in the evaluation of disease states	Manual staining using the following SOPs-	A
	Calcium Apatite Crystal Demonstration.	CP-NGY-SOP-016.UN Alizarin Red Procedure for	
	Elastic/Muscle/Connective tissue	CP-SST-INS-011.UN Special Stain: Millers Elastic Van Gieson	
	Helicobacter	CP-SST-INS-012.UN Special Stain: Modified Giemsa for Helicobacter Pylori	
	Bacterial Cells	CP-SST-INS-006.UN Special Stain: Gram	
	Connective Tissue	CP-SST-INS-013.UN Special Stain: Martius Scarlet Blue (MSB)	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
4 µm Formalin fixed paraffin embedded tissue sections (cont'd)	Staining to identify suspected pathogens or demonstrate specific cellular components that aid in the evaluation of disease states (cont'd)	Manual staining using the following SOPs:-	A
	Muscle and fibrin & Glial cells	CP-SST-INS-017.UN Special Stain: Picro-Mallory	
	Collagen Fibres	CP-SST-INS-018.UN Special Stain: Picro Sirius Red	
	Mast Cells	CP-SST-INS-021.UN Special Stain: Toluidine Blue	
	Collagen	CP-SST-INS-022.UN Special Stain: Van Gieson	
	Calcium	CP-SST-INS-025.UN Special Stain: Von Kossa	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
Slides prepared in house as above	Morphological assessment and interpretation/diagnosis	Light microscopy with reference to CP-GYN-SOP-021.UN and use of Leica DM2500. DMLB, Nikon Eclipse 50I, E400, E600and OlympusBX50F-3 microscopes.	A
	Andrology		
HUMAN BODY FLUIDS	Andrological examination activities for the purposes of clinical diagnosis		A
Semen	Post vasectomy Detection of sperm	Based on 2016 Laboratory guidelines for post vasectomy semen analysis, manual method using CellVision fixed depth glass slides and phase contrast microscopy, and documented in-house procedure CP-FER-SOP-001.UN Post Vasectomy Semen	
Semen	Fertility testing	Based on WHO laboratory manual for the examination and processing of human semen (Sixth edition 2021) and manual method using documented in-house procedure CP-FER-SOP-003.UN Semen Analysis (Infertility)	
	Volume	Volume/weight	
	pH	Colorimetric strips	
	Sperm morphology including TZI scoring	Stained slides (Papanicolau) microscopy (Bright field)	
	Sperm concentration	Improved Neubauer Haemocytometer and microscopy (Phase contrast)	
	Sperm motility	Microscopy (Phase contrast)	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Cytopathology** Gynaecological cytopathology	Documented in-house procedures with manufacturer's instructions	
Liquid Based Cervical Cytology sample (cervical cells) in Hologic Thinprep vial	Qualitative detection of Human Papilloma Virus	Detection of HPV mRNA from 14 high risk types of HPV in cervical cell samples using target amplification nucleic acid probe test on the Cobas 8800 and Cobas 6800, production of liquid based cytology (LBC) slides using the Hologic T5000 Autoloader and staining of LBC slides using the Tissue Tek Prisma staining machine CS-GYN-SOP-004.QE Preparation Procedure for LBC specimens ThinPrep.pdf CS-GYN-SOP-006.QE ThinPrep Maintenance Routines.pdf CS-GYN-SOP-007 QE Checking off LBC Samples after Processing.pdf CS-GYN-SOP-008.QE Screening Cervical Cytology LBC Preparations.pdf CS-GYN-SOP-009.QE Double Screening and Checking Procedure.pdf	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Cytopathology** (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Non-Gynaecological Cytopathology for the purposes of identification of abnormal cells.	Preparation of Non-gynaecological Cytology specimens to allow differentiation of cells with the standard light microscope: CP-NGY-SOP-001.UN Cytology Specimen Numbering CP-NGY-SOP-002.UN Centrifuge Preparation CP-NGY-SOP-003.UN Cytocentrifuge Preparation CP-NGY-SOP-029.UN Use of the Aerospray slide stainer CP-NGY-SOP-033.UN Use and Maintenance of the Hologic ThinPrep Genesis Processor Specific procedures for the following sample types: -	A
Fine Needle Aspiration samples		CP-NGY-SOP-004.UN Preparation of Fine Needle Aspiration (FNAs)	A
Bronchial Brush and EBUS samples in Cytolyt, Bronchial wash samples in Cytolyt, Sputum		CP-NGY-SOP-006.UN Preparation of EBUS FNA Samples CP-NGY-SOP-005.UN Preparation of Bronchial Brushings, Washings and Sputum Samples	A
Oesophageal Brush samples in Cytolyt Oesophageal wash samples in cytolyt Gastric Brush samples in Cytolyt Gastric wash samples in cytolyt		CP-NGY-SOP-007.UN Preparation of Oesophageal, biliary and Gastric Brushings, Washings Samples	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Cytopathology (cont'd)		
Urine		CP-NGY-SOP-008.UN Preparation of Urine Samples	A
Breast cyst fluid Peritoneal fluid Ascitic fluid Pleural Fluid Ovarian cyst fluid Hydrocele fluid		CP-NGY-SOP-009.UN Preparation of Fluid Samples	A
Cerebrospinal fluid		CP-NGY-SOP-010.UN Preparation of Cerebrospinal Fluid (C.S.F) Samples	A
Prepared cytology slides	Staining of prepared slides to assist in identification of abnormal cells.	CP-GYN-SOP-032.UN Use and Maintenance of the Prisma Stainer Coverslipper CP-GYN-SOP-009.UN Screening Cervical Cytology LBC Preparations Staining using Papanicolaou CP-NGY-SOP-016.UN Alizarin Red Procedure for Demonstration of Calcium Apatite Crystals CP-NGY-SOP-017.UN Assisting with FNA Procedures in other Hospital Location CP-NGY-SOP-019.UN Preparation of Thrombin for Use in Cytology Clot Formation CP-NGY-SOP-029.UN Use of the Aerospray slide stainer CP-NGY-SOP-033.UN Use and Maintenance of the Hologic ThinPrep Genesis Processor	A
Slides prepared in house as above	Morphological assessment and interpretation/diagnosis	Light microscopy with reference to CP-GYN-SOP-021.UN and use of Leica DM2500. DMLB, Nikon Eclipse 50I, E400, E600and OlympusBX50F-3 microscopes.	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Provision of Point of Care testing:**	Documented in-house procedures with manufacturer's instructions	
Whole Blood	PoCT Full Blood Count *-RBC* *-WBC* *-HCT* *-PLATELET* *-NEUTROPHIL* *-LYMPHOCYTE* *-MONOCYTE* *-EOSINOPHIL* BASOPHIL -HB	Sysmex XS-1000i Measurement via flow cytometry and Hydro Dynamic Focusing PC-FBC-SOP-001.UN Sysmex XS-5500	A, B, C A
Whole blood	PoCT Blood Gas -pH -pCO2 -pO2 -ctHb -sO2 -cK -cNa -cCa -cGlu -cLac -ctBil -COHb -02Hb -MetHb	Radiometer ABL800 series Radiometer ABL 90 Flexplus Potentiometry and Amperometry PC-GAS-SOP-001.UN PC-GAS-SOP-005.UN PC-GAS-SOP-006.QE.ST	A, B, C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Provision of Point of Care testing:** (cont'd)	Documented in-house procedures with manufacturer's instructions	
Whole Blood	PoCT INR	Roche CoaguChek Pro II Electrochemical measurement of prothrombin time following activation of blood coagulation with human recombinant thromboplastin PC-INR-SOP-001.QE.ST	A
Whole Blood	PoCT Haemoglobin	Radiometer HemoCue Hb 201 DM Potentiometry measuring principles which yield an azidemethaemoglobin reaction. PC-HBN-SOP-001-QE.ST	A
Whole Blood	PoCT Glucose	Roche Accu-Chek Inform II Electrical detection of enzyme reaction on test strip, mutant variant of quinoprotein glucose dehydrogenase (Mut. Q-GDH), from Acinetobacter calcoaceticus, recombinant in E. coli, converts the glucose in the blood sample to gluconolactone PC-GLU-SOP-001.UN	A, B, C
Whole blood	HbA1C	Siemens DCA Vantage Latex immunoagglutination inhibition methodology. PC-HBC-SOP-001-QE.ST	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN FLUIDS & TISSUES (cont'd)	Pathological examination activities for the purpose of clinical diagnosis (cont'd) **Provision of Point of Care testing:** (cont'd)	Documented in-house procedures with manufacturer's instructions	
Urine	Screen: blood, glucose, ketone, protein, SG, pH, urobilinogen, bilirubin, ascorbic acid, nitrites and leucocytes	Siemens CLINITEK 50, Status and Status + models. Reflectance photometry Main SOP Reference(s): PC-URI-SOP-002-QE and PC-UI-SOP-003-QE.ST	A
Venous and Capillary Whole Blood	PoCT Blood Ketones	ApexBio KETOSURE POC analyser Electrochemical Strip Technology PC-KET-SOP-004.UN and PC-KET-SOP-005.UN	A, B, C

(See Appendix A below for detailed locations of accredited POCT examinations)

END

Appendix A

Queen Elizabeth Hospital Delivery Points (A)	Glucose Roche AccuChek Inform II
Ward 1 Mt 1	X
Ward 1 Mt 2	X
EAU (New ECC) Mt 1	X
EAU (New ECC) Mt 2	X
Short Stay Unit Mt 1 (SSU)	X
Short Stay Unit Mt 2 (SSU)	X
A&E Triage T.04	X
A&E Resus	X
A&E Minors Mt 1	X
A&E Minors Mt 2	X
A&E Majors Mt 1	X
A&E Majors Mt 2	X
Paed A&E	X
Ward 9	X
Ward 11	X
Ward 12 / PIU	X
Ward 14 Mt 1	X
Ward 14 Mt 2	X
Emergency Surgical Assessment Unit (Located on Ward 9)	X
X-ray	X
ENT	X
Ward 4	X
Biochemistry	X
Colposcopy	X
Winter Bed (Old Ward 14a)	X
Endoscopy Mt1	X
Endoscopy Mt2	X
OPD	X
Windy Nook (new OPD)	X
CCD (HDU)	X
CCD (ITU)	X
Theatre Holding Bay	X
Theatre Recovery	X
Surgical Admission Suite (QE POD)	X
Ward 8 Cardiology Mt 1	X

Queen Elizabeth Hospital Delivery Points (A)	Glucose Roche AccuChek Inform II
Ward 8 Cardiology Mt 2	X
Ward 9	X
Ward 11	X
Ward 12 / PIU	X
Ward 14 Mt 1	X
Ward 14 Mt 2	X
Emergency Surgical Assessment Unit (Located on Ward 9)	X
Jubilee Day Unit	X
Ward 21	X
Ward 22	X
Ward 23 Male	X
Ward 23 Female	X
Ward 24 Mt1	X
Ward 24 Mt2	X
Ward 25 (Contact: Denise West)	X
SC Recovery	X
SC POD	X
SC Level 1	X
SC Level 2	X
Pre Op Assesment Level 3	X
ECT	X
Lamesley Ward	X
Fellside Ward	X
Sunniside Ward (Located Lyndhurst, Tranwell)	X
Craigside Court (Female)	X
Antenatal/Postnatal Ward	X
Labour Ward	X
Pregnancy Assessment Unit	X
Chemo Day Unit	X
Ward 20	X
St Bedes (Elmwood) (QEH)	X
Diabetes Unit	X
Ellison Unit	x

Queen Elizabeth Hospital Delivery Points (A)	**INR Roche CoaguChek Pro II**
QEH - Unstable INR Clinic	X
Endoscopy	X
SCPods	X
Same day Emergency Care (SDEC)	X
Queen Elizabeth Hospital Delivery Points (A)	**Haemoglobin Radiometer HemoCue**
Labour ward	X
Theatre Recovery	X
Theatre Reception	X
Queen Elizabeth Hospital Delivery Points (A)	**Full Blood Count Sysmex XS-1000i**
Chemotherapy Day Unit	X
Medical Outpatients	X
Queen Elizabeth Hospital Delivery Points (A)	**Full Blood Count Sysmex XN - 5500**
Accident & emergency Department	X
City Hospital Sunderland (B)	**Full Blood Count Sysmex XS-1000i**
Phoenix Unit	X
South Tyneside General Hospital Delivery Points (C)	**Full Blood Count Sysmex XS-1000i**
Oncology/Haematology Day Unit	X

Queen Elizabeth Hospital Delivery Points (A)	**HbA1C Siemens DCA Advantage**
Ward 20 COPD	X
Trinity Square diabetic clinic	X
Queen Elizabeth Hospital Delivery Points (A)	**Blood Gases Radiometer ABL800 Series and ABL90 Flexplus**
Critical care	X
A&E	X (ABL90)
Biochemistry	X
SCBU	X
Labour Ward	X
Emergency Admission Unit	X (ABL90)
City Hospital Sunderland (B)	**Blood Gases Radiometer ABL800**
Biochemistry	X
South Tyneside General Hospital Delivery Points (C)	**Blood Gases Radiometer ABL90Flexplus and ABL800**
Labour Ward	X (ABL90)
Biochemistry	X (ABL800)

Queen Elizabeth Hospital Delivery Points (A)	Urinalysis Siemens Clinitek 50, Status, Status +
Short Stay Unit	X
22	X
Surgical Admissions Unit (QE POD)	X
Surgical Centre POD	X
Surgical Pre Assessment Level 3	X
Ellison Unit BGH	X
QEH Outpatients Nurses Rm 13/14/15/16 Blaydon Primary Care Centre	X
Riverside	X
Woodside Unit/St Bede's Day Unit DHH	X
14a Winter Beds - closed in summer	X
Ward 1	X
Ward 4	X
Ward 8 (Cardiology)	X
Ward 9	X
Ward 11	X
Ward 14	X
Ward 20	X
Ward 23	X
Ward 24	X
Ward 25	X
Ward 12/PIU	X
Ward 21	X
A&E Minors 1 and 2	X
A&E Majors	X
Chemo Day Unit	X
COPD (Paeds OP)	X
Jubilee Day Hosp	X
Labour Ward/Delivery Suite	X
EAU (Emergency Assessment Unit) 1 and 2	X
Paeds A+E	X
Post Natal/Ante Natal	X
Pregnancy Assessment Unit	X

Queen Elizabeth Hospital Delivery Points (A)	Urinalysis Siemens Clinitek 50, Status, Status +
St Bedes (Elmwood), QEH	X
Surgery Centre Level 1	X
Surgery Centre Level 2	X
Urology	X
QE Outpatients	X
Sunniside Unit (Tramwell Unit)	X
Cragside Court (Females)	X
Cragside Court (Males)	X
Diabetes Centre, Trinity Square Health Centre	X
Womens Health	X

Queen Elizabeth Hospital Delivery Points (A)	ApexBio KETOSURE POC
Ward 14	X
Surgery Centre	X
SDEC	X
Children's Day Unit	X
EAU ward 1	X
Biochem MT2	X
A&E Paeds	X
EAU ward 2	X
CCD red	X
Spare 1	X
Biochem MT1	X
CCD yellow	X
A&E Resus	X

City Hospital Sunderland (B)	ApexBio KETOSURE POC
Paediatric A&E	X
SDEC	X
POCT	X
Endocrine & Metabolic Medicine	X
EAU	X
EAU	X
Biochemistry	X
A&E	X
D40	X

F63	X
Delivery Suite	X
C36	X
E54 Annex	X
A&E	X
C31	X
Biochemistry	X
B22	X
ICCU	X
B28	X
F64	X
South Tyneside General Hospital Delivery Points (C)	**ApexBio KETOSURE POC**
ITU	X
Biochemistry	X
Paediatric A&E	X
Ward 3	X
Ward 6	X
A&E Resus	X
EAU	X
SDEC	X
Point of Care	X
Biochemistry	X
Ward 7	X
South Tyneside General Hospital Delivery Points (C)	**Glucose Roche AccuChek Inform II**
A&E Majors M1	X
A&E Majors M2	X
A&E Majors M 3	X
A&E Triage	X
A&E Ambulatory Care	X
A&E RESUS	X
Adult Physiotherapy Cardiac Rehab (PALMER'S)	X
Bede 1	X
Bede 2	X
Bede 3	X
Cardiac Rehab (STDH)	X
DC (Diagnostic Clinic -OPD)	X
Endoscopy Day Ward	X
General Theatres Recovery M1	X
General Theatres Recovery M2	X
ITU / HDU M1	X

ITU / HDU M2	X
ITU / HDU M3 (NURSES STATION)	X
ITU / HDU M4	X
South Tyneside General Hospital Delivery Points (C)	**Glucose Roche AccuChek Inform II**
ITU / HDU M5 (SIDE ROOM 2)	X
ITU / HDU M6 (SIDE ROOM 1)	X
Jane Palmer Day Ward (PALMER'S HOSPITAL)	X
Moorlands Day Unit M1	X
Moorlands Day Unit ENDO	X
OPD (Palmer's Out Patient) M1	X
OPD (Palmer's Out Patient) M2	X
Primrose Unit on Wd 20	X
Special Care Baby Unit	X
St Clares (At primrose Hill Hospital)	X
Ward 1- M1	X
Ward 1- M2	X
Ward 10-M1	X
Ward 10 M2	X
Ward 12	X
ECC M2	X
Ward 18	X
Ward 19 MT 1	X
Ward 19 MT 2	X
Ward 2 Mt 1	X
Ward 2 Mt 2	X
Ward 22	X
Ward 25 (Delivery) - G33	X
Ward 3 MT 1	X
Ward 3 MT 2	X
Ward 4 MT 2	X
Ward 4 MT 3 PA1306	X
Ward 4 PA1339 (MT 1)	X
Ward 4 PA1340 Sister Franklin	X
Ward 5 - M1	X
Ward 5 - M2	X
EAU A	X
EAU M1	X

Ward 6 (Card) M2	X
Ward 6 (Card) M3	X
Ward 6 (CCU)	X
Ward 8 (Stroke Unit)	X
Ward 9 M1	X
South Tyneside General Hospital Delivery Points (C)	**Glucose Roche AccuChek Inform II**
Ward 9 M2	X
Paediatric Emergency Care Centre (ECC)	X
Ward 11 OHDU	X
Ward 7 Winter Pressures	X
X-RAY MT 1	X
X-RAY MT 2	X
City Hospital Sunderland (B) and Eye Infirmary (E) Delivery Points	**Glucose Roche AccuChek Inform II**
A & E ANNEXE	X
A & E SEE & MANAGE ROOMS/TRIAGE	X
A & E Paediatrics	X
A & E RESUS	X
A & E WALK IN	X
A&E Triage	X
A&E SPARE	X
A/E Pallion Centre	X
Ward C33	X
AMU Ward C34 M2 (ON D44)	X
AMU Ward C34 M1 (ON E55)	X
AMU Ward C35 (RATU) M3	X
Antenatal Clinic	X
Antenatal Day care	X
Anatenatal/Postnatal Ward	X
Catheter lab B22	X
Delivery Suite	X
DIAB/ENDO/METB MED	X
Endscopy Unit	X
Fracture Clinic	X

GUM Clinic	X
Phoenix Unit Chemo Day Unit	X
City Hospital Sunderland (B) and Eye Infirmary (E) Delivery Points	**Glucose Roche AccuChek Inform II**
ICCU Ward 38 RM 01	X
ICCU Ward 38 RM 02	X
ICCU Ward 38 RM 03	X
ICCU Ward 38 RM 04	X
ICCU Ward 38 RM 05	X
ICCU Ward 38 RM 06	X
ICCU Ward 38 RM 07	X
ICCU Ward 38 RM 08	X
ICCU Ward 38 RM 09	X
ICCU Ward 38 RM 10	X
ICCU Ward 38 RM 11	X
ICCU Ward 38 RM 12A	X
ICCU Ward 38 RM 12B	X
ICCU Ward 38 RM 14	X
ICCU Ward 38 RM 15	X
ICCU Ward 38 RM 16	X
ICCU Ward 38 RM 18	X
MEDICAL DAY CARE UNIT	X
NIALL QUINN CHILDRENS	X
OPD ORAL AND FACIAL	X
PODIATRY DEPT	X
RENAL UNIT	X
RENAL Ambulatory Care	X
SURGICAL DAY CASE LEVEL D MT1	X
SURGICAL DAY CASE LEVEL D MT2	X
SURGICAL DAY CASE LEVEL D MT3	X
Theatres F65	X
Theatres LEVEL C M1	X
Theatres LEVEL C M2	X
Theatres LEVEL C M3	X
Theatres LEVEL C M4	X

Theatres LEVEL D RECOVERY 1 (10/11) MT1	X
City Hospital Sunderland (B) and Eye Infirmary (E) Delivery Points	**Glucose Roche AccuChek Inform II**
Theatres LEVEL D RECOVERY 2 (D1 TO D9) MT3	X
Theatres LEVEL D RECOVERY 2 (D1 TO D9) MT4	X
Urology Theatres LEVEL D MT1	X
Urology Theatres LEVEL D MT2	X
Urology OPD	X
Ward B20	X
Ward B21	X
Ward B22 (Cardiology)	X
Ward B22 (CCU)	X
Ward B22 (Chest Pain)	X
Ward B26 (Renal Ward)	X
Ward B28 M1	X
Ward B28 M2	X
Ward B28 M3	X
Ward B28 M4	X
Ward C30	X
Ward C31	X
Ward C36	X
Surgical Day Case Unit C LEVEL MT2	X
Ward C37 Surgical Day Case MT3	X
Ward D40 (re-opened 17/11/14)	X
Ward D41	X
Ward D42	X
Ward D43	X
Ward D44 (Integrated Admissions Unit) Mt1	X
Ward D44 (Integrated Admissions Unit) Mt2	X

Ward D46	X
Dosa Unit (Urology) D Floor	X
Ward D47 (GYNAE)	X
City Hospital Sunderland (B) and Eye Infirmary (E) Delivery Points	**Glucose Roche AccuChek Inform II**
Ward D48 M1	X
Ward D48 M2	X
Ward E50	X
Ward E51	X
Ward E52	X
Ward E53 MT1	X
Ward E53 MT2	X
Ward E54	X
Ward E55	X
Ward E56	X
Ward E58 M1	X
Ward E58 M2	X
Ward F61 M1	X
Ward F61 M2	X
Ward F62	X
Ward F63	X
Ward F64	X
Ward F65	X
C LEVEL X-RAY	X
Sunderland Eye Iinfirmary A & E	X
Cataract Theatre 1	X
Cataract Theatre 2	X
HAYGARTH clinic	X
HAYGARTH Ward	X
Macular Unit	X
Mayling Clinic	X
OPD A	X
OPD B	X
Theatre 1 DAY	X
Theatre 2 DAY	X
Theatre RECOVERY	X
Central Clinic Childrens Centre	X