Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

9724

Accredited to ISO 15189:2022

York and Scarborough Teaching Hospitals NHS Foundation Trust

Issue No: 022 **Issue date:** 23 July 2026

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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 York Hospital Wigginton Road York North Yorkshire YO31 8HE	**Local contact** Elizabeth Fox	Haematology and Blood Transfusion Biochemistry Cellular pathology Microbiology Virology/Serology Andrology Sickle cell and thalassaemia screening	Y
Address Scarborough Hospital Woodlands Drive Scarborough YO12 6QL	**Local contact** Elizabeth Fox	Haematology and Blood Transfusion Biochemistry	S

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Testing performed by the Organisation at the locations specified

Site activities performed away from the locations listed above:

Location details		**Activity**
Address York Hospital Wigginton Rd York YO31 8HE	**Local Contact** Gemma Maxwell Gemma.maxwell8@nhs.net Tel: 0172385183	Blood Storage & Issue Management of Blood fridge at Ramsey Clifton Park Hospital, Management of Blood fridge in Main theatre York hospital.
Address Scarborough General Hospital Woodland's drive Scarborough YO12 6QL	**Local Contact** Gemma Maxwell Gemma.maxwell8@nhs.net Tel: 0172385183	Blood Storage & Issue Management of Blood fridges at Bridlington Hospital, Malton Hospital & Whitby Hospital. Management of Blood Fridge in Main theatre
Address Bridlington Hospital Bessingby Road Bridlington YO16 4QP	**Local Contact** Gemma Maxwell Gemma.maxwell8@nhs.net Tel: 0172385183	Blood Storage and Remote Issue

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS	Microbiological examinations for the purpose of clinical diagnosis	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs) and incorporating relevant manufacturers' instructions	
Whole Blood	Isolation of microorganisms of clinical significance	Becton Dickinson BACTEC FX continuous liquid culture monitoring system Gram film by light microscopy if positive Manual Subculture using pre-prepared media MB/SOP/YS-93	Y
Sputum, Pleural fluid, BAL	Isolation of microorganisms of clinical significance	Light Microscopy – Gram film as required Manual Culture using pre-prepared media MB/SOP/YS-151	Y
Vaginal swabs Cervical swabs Urethral swabs	Isolation of microorganisms of clinical significance	Light microscopy - wet film only for T vaginalis Gram film for B. vaginalis Manual direct culture MB/SOP/YS-109	Y
Urine	Identification of WBC, RBC, Epithelial cells, Bacterial count	Automated urine microscopy using SediMAX con TRUST PRO urine sediment analyser MB/SOP/YS-85	Y

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 following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs) and incorporating relevant manufacturers' instructions	
Sputum, Pleural fluid, BAL	Isolation of Mycobacteria sp of clinical significance	UV Fluorescent microscopy using Auramine-Phenol stain MGIT BD BACTEC™ MGIT™ 960 Mycobacterial continuous Liquid culture monitoring system. Solid culture using non-acidified pyruvate LJ slopes MB/SOP/YS-32	Y
Swabs Ear, nose, throat, eye	Isolation of microorganisms of clinical significance	Light Microscopy of Gram film Manual Culture onto chromogenic agar MB/SOP/YS-147 MB/SOP/YS-148 MB/SOP/YS-149 MB/SOP/YS-150 MB/SOP/YS-152	Y
Swabs from wounds	Isolation of microorganisms of clinical significance	Microscopy Direct manual culture onto solid media and enrichment MB/SOP/YS-21 MB/SOP/YS-34 MB/SOP/YS-71	Y

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 following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs) and incorporating relevant manufacturers' instructions	
CSF Ascetic fluid Bone Joint fluid CAPD fluid	Isolation of microorganisms of clinical significance	Microscopy Manual cell count via Fast Read 102 Disposable Counting Chambers. Gram film Direct manual culture and enrichment using solid culture media and enriched soybean-casein digest broth (BD Bactec Peds Plus) and nutrient broth MB/SOP/YS-33 MB/SOP/YS-22 MB/SOP/YS-25 MB/SOP/YS-88	Y
Faeces	Isolation of microorganisms of clinical significance	Manual direct culture and enrichment for enteric pathogens MB/SOP/YS-83 MB/SOP/YS-108	Y
Faeces	Detection of Rotavirus antigen	Rotavirus antigen detection using Meridian Biosciences ImmunoCARD STAT – immunogold based horizontal lateral flow technology. MB/SOP/YS-107	Y
Bacterial cultures of Enterobacteriaciae	Detection of Carbapenemase producing Enterobacteriaciae	Lateral flow assay using O.K.N.V.I RESIST-5 MB/SOP/YS-162	Y

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 following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs) and incorporating relevant manufacturers' instructions	
Faeces	Detection of presence of Faecal Ova, Cysts and Parasites	Detection of faecal parasites using Apacor Midi Parasep faecal parasite concentrator and light microscopy MB/SOP/YS-83	Y
Faeces	Detection of Clostridium difficile Toxin A and B and glutamate dehydrogenase antigen	Alere C.DIFF QUIK CHEK COMPLETE rapid membrane EIA MB/SOP/YS-80	Y
Faeces	Detection of Clostridium difficile toxin gene	Cepheid GeneXpert IV – multiplex rapid real-time PCR MB/SOP/YS-57	Y
Tips IUCD Contact lens	Foreign objects Bacterial & fungal pathogens	Microscopy – gram film if required Direct manual culture and enrichment MB/SOP/YS-153	Y
Tissue	Isolation of microorganisms of clinical significance	Microscopy - Gram Direct manual culture and enrichment MB/SOP/YS-88	Y
Bacterial cultures	Antimicrobial susceptibility testing (AST)	EUCAST methodology & interpretive breakpoints using: Manual disc diffusion Gradient MIC MB/SOP/YS-156 ETEST using concentration gradient strips manufactured by BioMerieux to provide measurement of MIC. MB/SOP/YS-156	Y

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 following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs) and incorporating relevant manufacturers' instructions	
Bacterial cultures	Antibiotic resistance testing 1.Carbapenemase producing Enterobacteriaceae	1, 2, 3: Pre poured screening agar for CPE, ESBL, VRE testing	Y
	2.Detection of bacteria with ESBL	MASTDISCS ID AmpC and ESBL detection discs.	
	3.Vancomycin Resistant Enterococci	MB/SOP/YS-19 MB/SOP/YS-30 MB/SOP/YS-162	
Skin Hair Nails	Isolation and presumptive identification of fungi of clinical significance	Microscopy following treatment with Potassium hydroxide. Fluorescent microscopy using Fluorescent Brightener Light microscopy of fungal cultures using Lactophenol Blue Manual inoculation and culture using solid agar MB/SOP/YS-133	Y
Swabs	Screening for microorganisms of clinical significance - MRSA/MSSA screens	Manual inoculation and culture, single and bi-plate MB/SOP/YS-132	Y
Decontaminated Sputum and untreated sputum	Confirmation of presence of Mycobacterium tuberculosis	Cepheid GeneXpert IV – multiplex rapid real-time PCR MB/SOP/YS-57	Y
Urine, endocervical swabs, Vaginal swabs in Roche PCR media	Confirmation of presence of Chlamydia trachomatis and Neisseria gonorrhoea	Cepheid GeneXpert IV – multiplex rapid real-time PCR MB/SOP/YS-57	Y

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 following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs) and incorporating relevant manufacturers' instructions	
Bacterial & fungal isolates cultured in-house from microbiology specimens as listed	Identification/ Biological classification	BioMerieux VITEK MS isolate ID system utilises Matrix-assisted laser desorption ionization–time of flight mass spectrometry (MALDI-TOF MS) technology - spectroscopy MB/SOP/YS-129	Y
Decontaminated Sputum and untreated sputum	Confirmation of presence of Mycobacterium tuberculosis	Cepheid GeneXpert IV – multiplex rapid real-time PCR MB/SOP/YS-57	Y
Urine, endocervical swabs, Vaginal swabs in Roche PCR media	Confirmation of presence of Chlamydia trachomatis and Neisseria gonorrhoea	Cepheid GeneXpert IV – multiplex rapid real-time PCR MB/SOP/YS-57	Y
Urine	Detection of Legionella pneumophilia serogroup 1 antigen	Lateral flow membrane chromatographic test MB/SOP/YS-176	Y
Faeces	Detection of Helicobacter pylori antigens	Cer Test, Biotec kit rapid membrane immunoassay MB/SOP/YS-79	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	Serological examinations for investigation for immunity and markers of infectious disease	In-house documented methods following manufacturers' instructions	
Serum	Qualitative detection of Hep B surface antigen VZV IgG Toxoplasma IgG/IgM Measles IgG Lyme Disease IgG Lyme Disease IgM	BioMerieux VIDAS30, automated bench top immuno-analyser based on Enzyme Linked Fluorescent Assay (ELFA) presence technology. MB/SOP/YS-41 MB/SOP/YS-20 MB/SOP/YS-58 MB/SOP/YS-48 MB/SOP/YS-47 MB/SOP/YS-45 MB/SOP/YS-60	Y
Upper respiratory tract specimens from specimen types: - Nose swabs Throat swabs Nasopharyngeal secretions Nasopharyngeal aspirates	Syndromic Qualitative detection of winter respiratory viruses Adenovirus Corona Virus (229E, HKU1, NL63, OC43) Human Metapneumovirus Rhino/enterovirus Influenza virus A (H1, H1-2009, H3) Influenza virus B Parainfluenza virus 1-4 Respiratory Syncytial Virus A/B Mycoplasma pneumoniae Sars-CoV-2 RNA PCR	GenMark Eplex closed system Molecular Analyser (using multiplex rapid real-time PCR) MB/SOP/YS-138	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Serological examinations for investigation for immunity and markers of infectious disease</u> (cont'd)	In-house documented methods following manufacturers' instructions (cont'd)	
		Documented in-house methods to meet the requirements of the Infectious Diseases in Pregnancy screening programme as defined in the July 2018 'Infectious Diseases in Pregnancy screening programme: laboratory Quality Assurance evidence requirements for antenatal screening'.	Y
Serum	Qualitative detection of: HIV Ag/Ab Combo - HIV p24 antigen and HIV-1 /HIV-2. Anti-HBc II Anti-HBc IgM HAVAb-IgM HBeAg HBsAg Qualitative II Anti-HCV Anti-HBeAg EBV EBNA-1 IgG EBV VCAG EBV VCAM CMVIgG CMVIgM Syphilis TP Quantitative detection of: AHBs Vancomycin Gentomycin Rubella IgG	Architect i2000SR fully automated immunoassay system utilising Chemiluminescent microparticle immunoassay (CMIA) MB/SOP/YS-11 MB/SOP/YS-20 MB/SOP/YS-23 MB/SOP/YS-43 MB/SOP/YS-44 MB/SOP/YS-46 MB/SOP/YS-49 MB/SOP/YS-51	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Serological examinations for investigation for immunity and markers of infectious disease (cont'd)	In-house documented methods following manufacturers' instructions (cont'd)	
Nose and Throat swabs, sputum, nasopharyngeal aspirates, tracheal aspirates and pleural aspirates in VTM	Detection and differentiation of lineage β-betacoronavirus (β-βCoV) and severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) specific RNA. Specifically, N2 and E gene targets	Cepheid Gene Xpert: using Real time Polymerase Chain Reaction (RT-PCR) SARS-CoV-2 RNA PCR MB/SOP/YS-138	Y
Nose and Throat swabs, sputum, nasopharyngeal aspirates, tracheal aspirates and pleural aspirates in VTM	Detection and differentiation of lineage β-betacoronavirus (β-βCoV) and severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) specific RNA. Specifically, Orf1a/b gene targets	Hologic Panther using TMA (target Mediated Amplification) and DKA (Dual Kinetic Assay) MB/SOP/YS-56	Y
Blood	Quantification of Chlamydia trachomatis rRNA Neisseria gonorrhoeae rRNA	Roche COBAS 4800 system for real-time PCR based amplification Roche COBAS X- 480 –fully automated multi-channel pipetting system for sample preparation extraction, purification and preparation of target nucleic acid for PCR analysis Roche COBAS Z-480 rapid thermal block cycler with integrated real-time detection capability. Simultaneous detection on 4 detection channels for multiplex real-time PCR assays PCR MB/SOP/YS-137 MB/SOP/YS-57	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemical examination activities for the purpose of clinical diagnosis	Documented in-house procedures with manufacturer's instructions	
Serum/Heparinised plasma (unless stated)	Routine Biochemistry:	Roche Cobas 8000 c702 Module: Photometry	
	ACE	CB/SOP/SH-10	S
	Albumin	CB/SOP/YS-60	Y, S
	Alanine Aminotransferase	CB/SOP/YS-62	Y, S
	Alkaline Phosphatase	CB/SOP/YS-61	Y, S
	Alpha-1-Antitrypsin	CB/SOP/SH-2	S
	Amylase	CB/SOP/YS-98	Y, S
	Aspartate Amino Transferase	CB/SOP/YS-63	Y, S
	Beta-2-Microglobulin	CB/SOP/YS-30	Y
	Bicarbonate	CB/SOP/YS-99	Y, S
	Bile Acids	CB/SOP/YS-8	Y, S
	Bilirubin (Total)	CB/SOP/YS-150	Y, S
	Bilirubin (Direct/Indirect)	CB/SOP/YS-128	Y, S
	C3 Complement	CB/SOP/SH-3	S
	C4 Complement	CB/SOP/SH-1	S
	Caeruloplasmin	CB/SOP/SH-11	S
	Cholesterol (Total)	CB/SOP/YS-31	Y, S
	Creatine Kinase	CB/SOP/YS-77	Y, S
	CRP	CB/SOP/YS-86	Y, S
	Creatinine	CB/SOP/YS-127	Y, S
	Calcium	CB/SOP/YS-100	Y, S
	Gamma GT	CB/SOP/YS-85	Y, S
	Haptoglobin	CB/SOP/SH-7	S
	HDL	CB/SOP/YS-136	Y, S
	Immunoglobulins (IGG,IGA,IGM)	CB/SOP/YS-136 (IGG), CB/SOP/YS-53 (IGA), CB/SOP/YS-52 (IGM)	Y, S
	Iron	CB/SOP/YS-11	Y, S
	Lactate Dehydrogenase	CB/SOP/YS-13	Y, S
	Magnesium	CB/SOP/YS-140	Y, S
	Phosphate	CB/SOP/YS-143	Y, S
	Protein (Total)	CB/SOP/YS-91	Y, S
	Transferrin	CB/SOP/YS-145	Y, S
	Triglyceride	CB/SOP/YS-152	Y, S
	Urate	CB/SOP/YS-154	Y, S
	Urea	CB/SOP/YS-110	Y, S

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemical examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Routine Biochemistry:	Roche Cobas 8000 c702 Module: Photometry	
CSF	Protein	CB/SOP/YS-153	Y, S
	Lactate	CB/SOP/YS-41	Y, S
EDTA Plasma	Ammonia	CB/SOP/YS-29	Y
Fl-Oxalate plasma:	Alcohol	CB/SOP/YS-28	Y
	Glucose	CB/SOP/YS-134	Y, S
	Lactate	CB/SOP/YS-41	Y, S
Fl-Oxalate CSF:	Glucose	CB/SOP/YS-134	Y, S
Urine	Urine Albumin	CB/SOP/YS-78	Y, S
	Urine Amylase	CB/SOP/YS-98	Y, S
	Urine Calcium	CB/SOP/YS-100	Y, S
	Urine Creatinine	CB/SOP/YS-127	Y, S
	Urine Magnesium	CB/SOP/YS-140	Y, S
	Urine Phosphate	CB/SOP/YS-143	Y, S
	Urine Protein	CB/SOP/YS-153	Y, S
	Urine Urate	CB/SOP/YS-154	Y, S
	Urine Urea	CB/SOP/YS-110	Y, S
	Routine Biochemistry:	Roche Cobas 8000 c702 Module: Using Indirect ISE:	
Serum/Heparinised plasma	Chloride	CB/SOP/YS-58	Y, S
	Potassium	CB/SOP/YS-58	Y, S
	Sodium	CB/SOP/YS-58	Y, S
Urine	Chloride	CB/SOP/YS-58	Y, S
	Urine Potassium	CB/SOP/YS-58	Y, S
	Urine Sodium	CB/SOP/YS-58	Y, S
	Routine Biochemistry:	Roche Cobas 8000 c702 Module: Using: particle enhanced turbidimetric Immunoassay	
	Faecal calprotectin	Buhlmann fCAL turbo kit CB-SOP-FCAL and CB/SOP/YS-51	Y
	Faecal Elastase	Buhlmann fPELA turbo kit - CB/SOP/YS-131	Y
Serum	Lipoprotein (a)	CB/SOP/YS-139	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemical examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Therapeutic Drug Monitoring:	Roche Cobas 8000 c702 Module: Using kinetic interaction of micro-particles in a solution (KIMS) Immunoassay:	
Serum/Heparinised Plasma	Carbamazepine	CB/SOP/YS-35	Y
	Phenytoin	CB/SOP/YS-144	Y
	Theophylline	CB/SOP/YS-70	Y, S
	Valproic Acid	CB/SOP/YS-156	Y
		Roche Cobas 8000 c702 Module: Photometry	
Serum/Heparinised Plasma	Paracetamol	CB/SOP/YS-141	Y, S
	Salicylate	CB/SOP/YS-33	Y, S
Serum only	Lithium	CB/SOP/YS-14	Y, S
		Roche Cobas 8000 e801 Module: Using Electrochemiluminescence immunoassay analyser (ECLIA):	
Serum/Heparinised Plasma	Digoxin	CB/SOP/YS-129	Y, S
EDTA: Whole Blood	Tacrolimus	CB/SOP/YS-48	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemical examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Endocrine Biochemistry:	Roche Cobas 8000 e801 Module: Using Electrochemiluminescence immunoassay analyser (ECLIA):	
Serum	AFP	CB/SOP/YS-120	Y
	Anti-TSH	CB/SOP/YS-106	Y
	CA125	CB/SOP/YS-37	Y, S
	CA15-3	CB/SOP/YS-15	Y
	CA19-9	CB/SOP/YS-123	Y, S
	CEA	CB/SOP/YS-124	Y, S
	Cortisol	CB/SOP/YS-16	Y, S
	Ferritin	CB/SOP/YS-45	Y, S
	FSH	CB/SOP/YS-19	Y, S
	Folate	CB/SOP/YS-54	Y, S
	FT3	CB/SOP/YS-17	Y, S
	FT4	CB/SOP/YS-132	Y, S
	Growth Hormone	CB/SOP/YS-133	Y
	HCG	CB/SOP/YS-135	Y, S
	Insulin Like Growth Factor 1 (IGF-1)	CB/SOP/YS-38	Y
	LH	CB/SOP/YS-76	Y, S
	Oestradiol	CB/SOP/YS-23	Y, S
	Progesterone	CB/SOP/YS-125	Y
	Prolactin	CB/SOP/YS-126	Y
	Prostate Specific Antigen (PSA)	CB/SOP/YS-112	Y, S
	SHBG	CB/SOP/YS-148	Y
	Testosterone	CB/SOP/YS-24	Y
	Thyroid Antibodies (TPO)	CB/SOP/YS-36	Y
	Troponin T	CB/SOP/YS-67	Y, S
	TSH	CB/SOP/YS-22	Y, S
	Vitamin B12	CB/SOP/YS-121	Y, S
	Vitamin D	CB/SOP/YS-64	Y, S
	sFLT-1/PIGF	CB/SOP/YS-147	Y
	NT-ProBNP	CB/SOP/YS-122	Y, S
EDTA: Heparinised Plasma	PTH	CB/SOP/YS-84	Y, S
EDTA: whole blood	Cyclosporin	CB/SOP/YS-48	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemical examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
Faeces	Faecal Immunochemical Testing (FIT) for symptomatic testing	HM-JACKarc (Alpha Laboratories) using latex trubidometry	
		CB/SOP/YS-66	Y
	Allergy Testing:	Thermo Fisher Scientific Phadia 250 Immunoassay analyser: Fluorescence enzyme immunoassay (FEIA):	
Serum	IgE (Total)	CB-SOP-TIGE & SIGE	Y
	Spe (Almond)	CB-SOP-TIGE & SIGE	Y
	Spe (Asp. Fumig.)	CB-SOP-TIGE & SIGE	Y
	Spe (Asp. Niger)	CB-SOP-TIGE & SIGE	Y
	Spe (Brazil Nut)	CB-SOP-TIGE & SIGE	Y
	Spe (Cashew Nut)	CB-SOP-TIGE & SIGE	Y
	Spe (Cat)	CB-SOP-TIGE & SIGE	Y
	Spe (Coconut)	CB-SOP-TIGE & SIGE	Y
	Spe (Cheese)	CB-SOP-TIGE & SIGE	Y
	Spe (Cheese Mould)	CB-SOP-TIGE & SIGE	Y
	Spe (Cod)	CB-SOP-TIGE & SIGE	Y
	Spe (Cow's Milk)	CB-SOP-TIGE & SIGE	Y
	Spe (Dog)	CB-SOP-TIGE & SIGE	Y
	Spe (Egg)	CB-SOP-TIGE & SIGE	Y
	Spe (Feathers Panel)	CB-SOP-TIGE & SIGE	Y
	Spe (Fish Panel)	CB-SOP-TIGE & SIGE	Y
	Spe (Food Mix)	CB-SOP-TIGE & SIGE	Y
	Spe (Grass)	CB-SOP-TIGE & SIGE	Y
	Spe (Hazelnut)	CB-SOP-TIGE & SIGE	Y
	Spe (HDM)	CB-SOP-TIGE & SIGE	Y
	Spe (Horse)	CB-SOP-TIGE & SIGE	Y
	Spe (Inhalent Panel)	CB-SOP-TIGE & SIGE	Y
	Spe (Latex)	CB-SOP-TIGE & SIGE	Y
	Spe (Mould Panel)	CB-SOP-TIGE & SIGE	Y
	Spe (Nut Panel)	CB-SOP-TIGE & SIGE	Y
	Spe (Peanut)	CB-SOP-TIGE & SIGE	Y
	Spe (Rodent Panel)	CB-SOP-TIGE & SIGE	Y
	Spe (Soya)	CB-SOP-TIGE & SIGE	Y
	Spe (Tree)	CB-SOP-TIGE & SIGE	Y
	Spe (Walnut)	CB-SOP-TIGE & SIGE	Y
	Spe (Weed Mix)	CB-SOP-TIGE & SIGE	Y
	Spe (Wheat)	CB-SOP-TIGE & SIGE	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemical examination activities for the purpose of clinical diagnosis (cont'd) Special Biochemistry:	Documented in-house procedures with manufacturer's instructions	
Whole Blood: EDTA	Haemoglobin A1c IFCC	TOSOH G11 HPLC CB/SOP/YS-34	Y, S
Serum, Urine	Osmolality	Vitech Scientific Model OSMO1 Osmometer (freezing point depression method) CB/SOP/YS-97	Y, S
Serum	Serum Protein Electrophoresis: Monoclonal protein band detection and quantitation	SEBIA Capillarys Octa 3, Supplier method by capillary electrophoresis CB/SOP/YS-72	Y
Serum	Immunotyping	SEBIA Capillarys Octa 3, Supplier method by capillary electrophoresis CB/SOP/YS-73	Y
Serum, Urine	Serum Immunofixation Urine Immunofixation Urine Bence Jones Protein	Sebia Hydrasis 2, supplier method by gel electrophoresis and immunofixation CB/SOP/YS-46 CB/SOP/YS-47 CB/SOP/YS-49	Y
Serum	Alkaline Phosphatase Isoenzymes	Sebia Hydrasys 2 Phoresis System, supplier method by electrophoresis/I Lectin binding CB/SOP/YS-44	
Sweat	Sweat Collection	Wescor Macroduct Advanced, Iontophoresis	Y, S
Sweat	Sweat Chloride	EliTech ChloroChek Meter, Coulimetric CB/SOP/YS-83	Y
CSF	Xanthochromia	Uvikon XS Spectrophotometer - spectrophotometric scanning CB/SOP/YS-4	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemical examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
	Special Biochemistry: (cont'd)		
Serum	Free Light Chains (kappa and lambda)	Binding Site Optilite using immunoturbidimetric assay CB/SOP/YS-80	Y
	IgG4 subclasses	CB/SOP/YS-82	Y
	Calculated Tests	Calculations referenced in accordance with published papers and methods according to Teitz	
Urine	ACR	CB/SOP/YS-120	Y, S
Serum	Adjusted Calcium	CB/SOP/YS-120	Y, S
Serum	Anion Gap	CB/SOP/YS-120	Y, S
Serum	AKI (ACB Algorithm)	CB/SOP/YS-120	Y, S
Serum	Cholesterol: HDL ratio	CB/SOP/YS-120	Y, S
Serum and Urine	Creatinine Clearance	CB/SOP/YS-120	Y, S
Serum	eGFR	CB/SOP/YS-120	Y, S
Serum	Free Androgen Index	CB/SOP/YS-120	Y
Serum	Free Testosterone (vermeulen equation)	CB/SOP/YS-120	Y
Serum	Globulin (total protein – albumin)	CB/SOP/YS-120	Y, S
Serum	Indirect Bilirubin	CB/SOP/YS-120	Y, S
Serum	Non-HDL Cholesterol	CB/SOP/YS-120	Y, S
Serum	LDL Cholesterol	CB/SOP/YS-120	Y, S
Serum	Free Light Chains (kappa and lambda)	CB/SOP/YS-120	Y
Serum	Monomeric Prolactin	CB/SOP/YS-120	Y
Urine	PCR (Urine protein/urine creatinine	CB/SOP/YS-120	Y, S
Serum	% Iron Saturation	CB/SOP/YS-120	Y, S
Serum	sFLT-1/PIGF Ratio	CB/SOP/YS-120	Y
Urine	Measurement of 24h Urine Volume by weight	Manual method using metrologically traceable balance	Y, S

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS and TISSUES	Examinations in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Documented in house methods incorporating manufacturers' instructions where relevant:	
Tissue samples	Histopathology	Specimen dissection: CP/SOP/YS-66 CP/SOP/YS-67 CP/SOP/YS-70 CP/SOP/YS-75	Y
		Decalcification using CP/SOP/YS-68	Y
		Tissue processing: Leica Peloris III processor CP/SOP/YS-134	Y
		Embedding: Thermofisher Scientific HistoStar embedding centre x 2	Y
	Automated Staining for Identification of basophilic and eosinophilic structures	Haematoxylin and eosin stain automated: Leica HistoCore Spectra Workstation automated stainer and film coverslipper CP/SOP/YS-144	Y
	Manual Identification of basophilic and eosinophilic structures	Haematoxylin and eosin stain CP/SOP/YS-33	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS and TISSUES (cont'd)	Examinations in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Documented in house methods incorporating manufacturers' instructions where relevant:	
Formalin fixed paraffin embedded tissue samples (unless stated)	Special staining to identify the following:	Manual staining with reference to documented procedures listed below	Y
	Collagen, muscle	Weigert's van Gieson (CP/SOP/YS-31)	Y
	Connective tissue	Masson Trichrome with Aniline Blue (CP/SOP/YS-16)	Y
	Fibrin, muscle, collagen	Martius Scarlet Blue (CP/SOP/YS-18)	Y
	Elastic fibres/muscle	Miller's Elastic Stain (CP/SOP/YS-21)	Y
	Reticulin fibres	Gordon and Sweet's Reticulin (CP/SOP/YS-10)	Y
	Amyloid	Highman's Congo Red (CP/SOP/YS-12)	Y
	Acid and neutral mucins	Alcian Blue pH 2.5/Alcian Blue pH 2.5+/- with PAS (CP/SOP/YS-20)	Y
	Fungi, mucins and lack of glycogen	Periodic Acid Schiff (PAS)/ PAS + digestion (CP/SOP/YS-27)	Y
	Ferric iron	Perls' Prussian Blue (CP/SOP/YS-28)	Y
	Melanin	Masson Fontana (CP/SOP/YS-22)	Y
	Melanin	Melanin Bleach (CP/SOP/YS-24)	Y
	Hepatitis surface antigen, elastic fibres and copper associated protein	Shikata Orcein (CP/SOP/YS-26)	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS and TISSUES (cont'd)	Examinations in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Documented in house methods incorporating manufacturers' instructions where relevant:	
Formalin fixed paraffin embedded tissue samples (unless stated) (cont'd)	Special staining to identify the following: (cont'd)	Manual staining with reference to documented procedures listed below	
	Bacteria	Gram (CP/SOP/YS-23)	Y
	Acid fast bacilli	Ziehl-Neelsen (CP/SOP/YS-32)	Y
	Polysaccharide in walls of fungi and other opportunistic organisms	Tome and Hayashi (CP/SOP/YS-9)	Y
	Detection of Helicobacter pylori	Giemsa (CP/SOP/YS-17)	Y
	Leprosy bacilli	Wade-Fite (CP/SOP/YS-30)	Y
	Mast cell granules	Toluidine Blue (CP/SOP/YS-8)	Y
HUMAN BODY TISSUE	Molecular Diagnostic examination activities: Examination of tissues to identify or exclude mutations within DNA for the purpose of clinical diagnosis, prognosis and treatment options.	Documented in-house procedures in conjunction with manufaturers instructions for Biocartis Idylla Molecular platform and test cartridges.	Y
	KRAS	CP/SOP/YS-4	Y
	BRAF (SKIN)	CP/SOP/YS-5	Y
	NRAS/BRAF	CP/SOP/YS-6	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Immunocytochemistry for the identification of cells/diseases below:-	In house documented procedures & manufacturer's instructions using Agilent Omins CP/SOP/YS-2	
	Identification of liver disease, yolk sac and mixed germ cell tumours	Alpha fetoprotein	Y
	Smooth muscle cells	Alpha smooth muscle actin	Y
	Identification of several malignancies, including B-cell chronic lymphocytic leukemia (CLL) and non-Hodgkin's lymphomas (NHL), mainly low-grade and follicular in type	BCL2	Y
	Epithelial cell types	BER	Y
	Malignant ovarian epithelial cells, seminal vesical carcinoma and anaplastic lymphoma	CA125	Y
	Identifies medullary Ca of thyroid	Calcitonin	Y
	Identification of smooth muscle and tumour cells in smooth muscle	Caldesmon	Y
	Mesothelioma from adenocarcinoma	Calretinin	Y
	Identification of neoplasms of epithelial origin	CAM 5.2	Y
	Distinguish between adenocarcinomas and mesotheliomas. Identify the origin of certain metastatic carcinomas	Carcinoembyonic antigen (CEA)	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Immunocytochemistry for the identification of cells/diseases below:- (cont'd)	In house documented procedures & manufacturer's instructions using Agilent Omins CP/SOP/YS-2	
	Pan T-cell marker used for the identification of immature and mature T-cell malignancies	CD3	Y
	Identification of Burkitts lymphoma, follicular germ cell lymphoma and RCC	CD10	Y
	Expressed in Reed-Sternberg cells and is thus a useful marker for identifying Hodgkin's lymphoma.1	CD15	Y
	Directed against any epitope present on human B lymphocytes, plasma cells are negative	CD20	Y
	Identification of classical Hodgkin's lymphoma and anaplastic large cell lymphoma	CD30	Y
	Identify vascular origin of neoplasms	CD31	Y
	Identification of blasts in acute leukaemia and as a marker for endothelial cells in differential diagnosis of poorly differentiated malignant tumours	CD34	Y
	Identification of all haematopoietic cells (except erythrocytes)	CD45	Y
	Leucocyte differentiation	CD56	Y
	Identification of macrophages	CD68	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Immunocytochemistry for the identification of cells/diseases below:- (cont'd)	In house documented procedures & manufacturer's instructions using Agilent Omins CP/SOP/YS-2	
	Identification in GIST, some positivity in seminoma, melanoma, some breast ca types and small cell ca	CD117	Y
	Usually present in gastrointestinal epithelium. Useful to determine origin of metastatic carcinomas and carcinoids	CDX2	Y
	Tissue of neuroendocrine origin	Chromogranin A	Y
	Mesothelioma, prostate carcinoma	CK5/6	Y
	Normal and neoplastic epithelia	CK7	Y
	Squamous cell carcinomas, metaplastic carcinomas of the breast	CK14	Y
	Marker for papillary thyroid carcinoma	CK19	Y
	Gastric and intestinal epithelium, urothelium and Merkel cells	CK20	Y
	Cytomegalovirus	Cytomegalovirus	Y
	Reacts with tumours of myogenic and striated muscle origin	Desmin	Y
	Diagnosis of GIST	DOG-1	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Immunocytochemistry for the identification of cells/diseases below:- (cont'd)	In house documented procedures & manufacturer's instructions using Agilent Omins CP/SOP/YS-2	
	Normal duct epithelial cells, ductal carcinoma	E-CADHERIN	Y
	Many carcinomas – normal and neoplastic cells from various tissues	Epithelial Membrane Antigen	Y
	Oestrogen receptor antigen	Estrogen Receptor	Y
	Benign and neoplastic neoplasms and anaplastic large cell lymphoma	Galectin-3	Y
	Identifies breast carcinomas and urothelial carcinomas	GATA 3	Y
	Differentiate breast carcinoma metastatic to ovary (positive) from primary ovarian carcinoma (negative)	Gross Cystic Disease Fluid Protein (GCDF)	Y
	Identification of mesothelioma and papillary thyroid carcinoma	HBME-1	Y
	Identification of cells and tumours of trophoblastic origin	hCG	Y
	Recognises benign and malignant liver	Hepatocyte	Y
	Assessment of suitability of breast cancer patients in respect of the drug Herceptin	HER2	Y
	Classification of melanomas	HMB45	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Immunocytochemistry for the identification of cells/diseases below:- (cont'd)	In house documented procedures & manufacturer's instructions using Agilent Omins CP/SOP/YS-2	
	Differentiation between adrenal cortical tumours and renal cell carcinomas, also interuterine v ectopic pregnancy	Inhibin	Y
	Assess the proliferative activity of normal and neoplastic tissue	Ki-67	Y
	Primary and metastatic malignant melanoma	MELANA	Y
	Melanocytes	MelanA red chromogen	Y
	DNA mismatch repair protein. Useful marker for the classification of colorectal cancer	MLH1	Y
	Mismatch repair protein MSH2	MSH2	Y
	DNA mismatch repair protein. Useful marker for the classification of colorectal cancer	MSH6	Y
	Useful as a first line marker for epithelial tumours	MNF116	Y
	Alveolar macrophages, pneumocytes, lung adenocarcinoma	Napsin A	Y
	Marker for germ cell tumours	OCT3/4	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Immunocytochemistry for the identification of cells/diseases below:- (cont'd)	In house documented procedures & manufacturer's instructions using Agilent Omins CP/SOP/YS-2	
	Classification of premalignant high-grade prostatic intraepithelial neoplasia (HGPIN) and prostate adenocarcinoma.	P504S	Y
	Classification of cervical dysplasia and in the differential diagnosis of cervical adenocarcinoma v endometrial adenocarcinoma	P16	Y
	Squamous cell carcinoma	P40	Y
	Tumour expressor gene found in malignancies	P53	Y
	Identification of complete hydatidiform mole	P57	Y
	Benign and malignant prostatic or breast lesions, differentiation of lung squamous cell carcinoma and lung adenocarcinoma	P63	Y
		P63/p504S dual staining	Y
	Tumour types including thyroid, renal cell and ovarian serous carcinomas	PAX8	Y
	Germ cell tumours	Placental Alkaline Phosphatase	Y
	DNA mismatch repair protein. Useful marker for the classification of colorectal cancer	PMS2	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Immunocytochemistry for the identification of cells/diseases below:- (cont'd)	In house documented procedures & manufacturer's instructions using Agilent Omins CP/SOP/YS-2	
	Expressed in lymphatic endothelium as well as lymphangiomas, and Kaposi sarcomas. Podoplanin has also been shown to be expressed in epithelioid mesotheliomas and seminomas	Podoplanin	Y
	Progesterone Receptor antigen	Progesterone Receptor	Y
	Prostate secretory and ductal epithelium	Prostatic Specific Antigen	Y
	Identification of metastatic adenocarcinoma of the prostate	Prostatic Acid Phosphatase	Y
	Identifies 90% of primary renal cell carcinomas and 85% of metastatic RCC	Renal Cell Carcinoma	Y
	Used to distinguish between benign sclerosing breast lesions and infiltrating carcinomas	Smooth muscle myosin	Y
	Sensitive marker of melanoma for conventional, and desmoplastic subtypes	SOX-10	Y
	Melanomas, neural cells	S-100	Y
	Classification of neural type neoplasms and neuroendocrine neoplasms of epithelial type	Synaptophysin	Y
	Diagnosis of mesothelioma	Thyroglobulin	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY TISSUE (cont'd)	Immunocytochemistry for the identification of cells/diseases below:- (cont'd)	In house documented procedures & manufacturer's instructions using Agilent Omins CP/SOP/YS-2	
	Neoplasms of lung and thyroid, mesothelioma	TTF-1	Y
	Identification of urothelial carcinomas and as a tool to pinpoint metastases of unknown primary	Uroplakin	Y
	Endothelial cells, fibroblasts, smooth muscle	Vimentin	Y
	Identification of mesoderm-derived tumours including epithelioid mesothelioma and ovarian serous carcinoma	WT-1	Y
Fresh Tissue	Identification of basophilic and eosinophilic structures	ManualH&E staining of Frozen Sections Leica CM1860UV Cryostat CP/SOP/YS-25	Y
Slides prepared in house as above	Morphological assessment and interpretation/diagnosis	Light microscopy with reference to CP/SOP/YS-127	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS and TISSUES	Examinations in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis Diagnostic Non-Gynaecological Cytopathology	Documented in house methods incorporating manufacturers' instructions where relevant:	
Body fluids / Fine needle aspirations, bronchial samples, CSF's, urines, and serous effusions	Detection of abnormal cells	Macroscopic and Microscopic examination: Documented in house methods incorporating manufacturers' instructions where relevant: CP/SOP/YS-44 manual methods using documented procedures CP/SOP/YS-42 Automated Papanicolaou staining using the Myreva SS30 Slide Stainer CP/SOP/YS-54 Hand staining of air dried cytology slide preparations	Y
Synovial fluid specimens	Diagnostic assessment for the presence of crystals	CP/SOP/YS-59 Polarised Light Microscopy	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	Andrological examination activities for the purposes of clinical diagnosis	Documented procedure & manufacturer's instructions	
Semen	Post vasectomy: Detection of sperm	2016 Laboratory guidelines for post vasectomy semen analysis: Association of Biomedical Andrologists, the British Andrology Society and the British Association of Urological Surgeons) Manual method using large volume chambers/ manual microscopy and documented in-house procedure SOP CP/SOP/YS-52	Y
Semen	Fertility testing:	Based on WHO laboratory manual for the examination and processing of human semen (Sixth edition 2021) and manual method and documented in-house procedure SOP CP/SOP/YS-40	Y
	Volume	Volume/weight	
	pH	Colorimetric strips	
	Sperm morphology including TZI scoring	Stained slides (Papanicolau) microscopy (Bright field)	
	Sperm concentration	Improved Neubauer counting chambers 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 BODY FLUIDS (cont'd)	Haematological examination activities for the purpose of clinical diagnosis	Documented in-house procedures with manufacturer's instructions	
Whole Blood EDTA	Full Blood Count WBC RBC ESR HGB HCT MCH MCHC PLT NEUT LYMPH MONO EOS BASO Nucleated red blood cell (NRBC) count Reticulocyte count	Sysmex XN3100(S) Sysmex XN9100 Analyser (Y) Hb measurement by laurel sulphate conversion and colorimetry HA/SOP/YS-70 Sysmex XN550 Analyser (haematology clinic) HA/SOP/YS-90 Hb measurement by laurel sulphate conversion and colorimetry (not used for NRBC or Reticulocyte counts)	S, Y Y
Whole Blood	Blood Film Morphology	Staining and light microscopy of blood and bone marrow smears using May Grunwald & Giemsa Automated using Sysmex SP50 HA/SOP/YS-86 And manual with reference to HA-HA/SOP/YS-71	 Y S
Stained Blood Films	Blood Film Morphology	Digital imaging using DI 60 Analyser HA/SOP/YS-68	Y
Bone Marrow	Detection of abnormal cells in bone marrow	Manual staining of bone marrow smears using May Grunwald & Giemsa Light Microscopy HA/SOP/YS-64	S, Y
Bone Marrow	Evaluation of body iron stores by examination of bone marrow smears	Manual Perl's Reaction staining HA/SOP/YS-85	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Haematological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
Whole Blood	Detection & speciation of malaria parasites: All plasmodium species known to cause human disease	Manual Staining of thick and thin films- Giemsa and Fields stain HA/SOP/YS-84	S, Y
EDTA Whole Blood	Malaria Parasite Screen: P. falciparum (HRP2) and P. falciparum, P. vivax, P. malariae and P.ovale (pLDH)	CareUS – Rapydtest using combined HRP23/PLDH Technology HA/SOP/YS-84	S, Y
EDTA Whole Blood	Haemoglobinopathy screening: Structural variants Thalassaemias Failure to switch from foetal to adult Hb	HPLC using TOSOH G11 HA/SOP/YS-77	Y
		Documented in-house methods to meet the requirements of the Sickle Cell and Thalassaemia screening programme as defined in the 2018 "Sickle Cell and Thalassaemia screening laboratory QA evidence requirements"	Y
EDTA Whole Blood	Detection of Sickle Haemoglobin (HbS)	Streck – SICKLEDEX qualitative solubility test kit HA/SOP/YS-75	Y
EDTA Whole Blood	G6PD Screening	Trinity Biotech G-6-PDH Kit (Part No. 203-A) – HA/SOP/YS-74	Y
EDTA Whole Blood	Hb electrophoresis (Alkaline pH 8.4-8.6)	Sebia Hydragel Kit; Sebia Hydrasys 2 analyser HA/SOP/YS-76	Y
EDTA Whole Blood	Hb electrophoresis (Acid pH 6.0)	HA/SOP/YS-65	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Haematological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
Citrated plasma	Von Willebrand Factor Collagen Binging Assay (vWF:CBA)	Bioflash Analyser – using chemiluminescence HA/SOP/YS-61 HA/SOP/YS-62 (Maintenance)	Y
Citrated plasma	Heparin Induced Thrombocytopenia (HIT) Screen	Bioflash Analyser – using chemiluminescence HA/SOP/YS-52 HA/SOP/YS-62 (Maintenance)	Y
	Molecular		
Whole Blood Citrated & EDTA	Detection of genetic mutation Factor V Leiden & prothrombin mutation	Factor V Leiden/Prothrombin Gene Mutation on Cepheid Gene Xpert HA/SOP/YS-49	Y
	Blood Transfusion examination activities for the purpose of clinical diagnosis	Documented in-house procedures with manufacturer's instructions	
EDTA packed red cells	Blood Group by detection and identification of antigens: A RhD Positive AB RhD Positive B RhD Positive RhD Positive A RhD Negative AB RhD Negative B RhD Negative RhD Negative O RhD positive O RhD negative	Grifols Erytra fully automated card IAT and enzyme techniques technology analyser and manual card system BT/SOP/YS-5 BT/SOP/YS-54 BT/SOP/YS-15	Y

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Haematological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
EDTA packed red cells	Blood Group by detection and identification of antigens: A RhD Positive AB RhD Positive B RhD Positive RhD Positive A RhD Negative AB RhD Negative B RhD Negative RhD Negative O RhD positive O RhD negative	Grifols Eflexis fully automated card IAT and enzyme techniques technology analyser and manual card system BT/SOP/YS-5 BT/SOP/SH-2 BT/SOP/YS-15	S
EDTA Whole 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	Grifols Erytra fully automated card IAT and enzyme techniques technology, analyser and manual card system BT/SOP/YS-5 BT/SOP/YS-54 BT/SOP/YS-15	Y
EDTA Whole 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	Grifols Eflexis fully automated card IAT and enzyme techniques technology, analyser and manual card system BT/SOP/YS-5 BT/SOP/SH-2 BT/SOP/YS-15	S

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Haematological examination activities for the purpose of clinical diagnosis (cont'd)	Documented in-house procedures with manufacturer's instructions	
EDTA plasma	Crossmatching – compatibility testing of patients' plasma with donor cells	Grifols Erytra fully automated card IAT and enzyme techniques technology, analyser and manual card system BT/SOP/YS-10	Y
EDTA plasma	Crossmatching – compatibility testing of patients' plasma with donor cells	Grifols Eflexis fully automated card IAT and enzyme techniques technology, analyser and manual card system BT/SOP/YS-10	S
Serum	Kleihauer test and anti-D	Acid-elution (Guest Medical) BT/SOP/YS-25	S, Y
EDTA Whole Blood	Antibody detection (4 cell screen) 10 cell panel, 11 cell panel, 6 cell Rh(D) panel for prophylactic anti-D	Grifols Erytra fully automated card IAT and enzyme techniques technology, analyser and manual card system BT/SOP/YS-20 BT/SOP/YS-3 BT/SOP/YS-15 BT/SOP/YS-54	Y
EDTA Whole Blood	Direct Antiglobulin TEST (DAT)	Grifols Erytra fully automated card and IAT and enzyme techniques technology and manual card systems. BT/SOP/YS-14 BT/SOP/YS-54 BT/SOP/YS-15	Y
EDTA Whole Blood	Direct Antiglobulin TEST (DAT)	Grifols Eflexis fully automated card and IAT and enzyme techniques technology and manual card systems. BT/SOP/YS-14 BT/SOP/SH-2 BT/SOP/YS-15	S
END			