


Schedule of Accreditation

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United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 9769</p> <p>Accredited to ISO 15189:2012</p>	<p>Southwest Pathology Services LLP</p> <p>Issue No: 001 Issue date: 29 September 2018</p>	
	<p>Lisieux Way Taunton TA1 2LB</p>	<p>Contact: Derek Truman Tel: +44 (0) 1823 346714 E-Mail: Derek.Truman@tst.nhs.uk Website: www.southwestpathology.com</p>
<p>Testing performed at the above address only</p>		

Location details		Activity	Location code
<p>Address ESL Laboratory Musgrove Park Hospital Taunton TA1 5DA</p>	<p>Local Contact Dr Steve Holwill Dr Mike Smith Dr David James</p>	<p>Histology Microbiology on-call service Blood Sciences including Transfusion</p>	M
<p>Address Yeovil District Hospital Higher Kingston Yeovil BA21 4AT</p>	<p>Local Contact Dr Edwin Cooper</p>	<p>Histology & Non-Gynae Cytology Microbiology on-call service Blood Sciences including Transfusion</p>	Y
<p>Address Hub Laboratory Southwest Pathology Services Lisieux Way Taunton TA1 2LB</p>	<p>Local Contact Dr Andrzej Karmolinski Dr Mike Smith Dr David James</p>	<p>Gynae & Non-Gynae Cytology Microbiology Blood Sciences (including Immunology)</p>	H



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Serum, Heparin, Plasma	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
	Quantification of:	Beckman Coulter AU5800 (H), AU640 (M) and AU400 (Y) using procedure and measurement principle as stated:	
	Albumin	SOPBVS72, Colourimetric	M, Y, H
	Alkaline Phosphatase (ALP)	SOPBVS74, Colourimetric	M, Y, H
	Alpha-1-Antitrypsin	SOPBVS87, Immunoturbidimetric	H
	Alanine Aminotransferase (ALT)	SOPBVS52, Colourimetric	M, Y, H
	Angiotensin Converting Enzyme (ACE)	SOPBVS116, Colourimetric	H
	Asparate Aminotransferase (AST)	SOPBVS76, Colourimetric	M, Y, H
	Bicarbonate	SOPBVS56, Colourimetric	M, Y, H
	Bile Acids	SOPBVS28, Enzymatic/ Colourimetric	M
	Complement 3 (C3)	SOPBVS95, Immunoturbidimetric	H
	Complement 4 (C4)	SOPBVS96, Immunoturbidimetric	H
	Carbamazepine	SOPBVS57, Immunoturbidimetric	M, Y, H
	Cholesterol	SOPBVS78, Enzymatic/ Colourimetric	M, Y, H
	Cholinesterase	SOPBVS97, Colourimetric	M
	Creatine Kinase (CK)	SOPBVS79, Enzymatic/ Colourimetric	M, Y, H
C-Reactive Protein (CRP)	SOPBVS80, Immunoturbidimetric	M, Y, H	



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	Quantification of:	Beckman Coulter AU5800 (H), AU640 (M) and AU400 (Y) using procedure and measurement principle as stated:	
	Digoxin	SOPBVS98, Immunoturbidimetric	M, Y, H
	Direct Bilirubin (Conjugated Bilirubin)	SOPBVS58, Colourimetric	M, Y, H
	Gentamycin	SOPBVS110, Cedia Immunoassay	M, Y, H
	Gamma Glutamyltransferase (GGT)	SOPBVS103, Colourimetric	M, Y, H
	High Density Lipoprotein (HDL)	SOPBVS59, Immunological/ Colourimetric	M, Y, H
	IgA	SOPBVS100, Immunoturbidimetric	H
	IgG	SOPBVS101, Immunoturbidimetric	H
	IgM	SOPBVS102, Immunoturbidimetric	H
	Iron	SOPBVS60, Colourimetric	M, Y, H
	Methotrexate	SOPBVS113, Enzyme Immunoassay	M
	Paracetamol (Acetaminophen)	SOPBVS39, Enzymatic/ Colourimetric	M, Y
	Phenobarbitone	SOPBVS65, Cedia Immunoassay	M, Y, H
	Phenytoin	SOPBVS62, Cedia Immunoassay	M, Y, H
Rheumatoid Factor	SOPBVS115, Immunoturbidimetric	H	
Salicylate	SOPBVS27, Enzymatic/ Colourimetric	M, Y	
Theophylline	SOPBVS107, Cedia Immunoassay	M, Y	



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	Quantification of:	Beckman Coulter AU5800 (H), AU640 (M) and AU400 (Y) using procedure and measurement principle as stated:	
	Tobramycin	SOPBVS129, Cedia Immunoassay	M
	Total Bilirubin	SOPBVS77, Colourimetric	M, Y, H
	Total Protein	SOPBVS63, Colourimetric	M, Y, H
	Transferrin	SOPBVS119, Immunoturbidimetric	H
	Triglyceride	SOPBVS118, Enzymatic/ Colourimetric	M, Y, H
Serum, Heparin, Plasma, Urine	Vancomycin	SOPBVS111, Immunoturbidimetric	M, Y
	Amylase	SOPBVS53, Colourimetric	M, Y, H
	Calcium	SOPBVS54, Colourimetric	M, Y, H
	Chloride	SOPBVS105, ISE	M, Y, H
	Creatinine	SOPBVS55, Colourimetric	M, Y, H
	Magnesium	SOPBVS82, Colourimetric	M, Y, H
	Phosphate	SOPBVS109, Colourimetric	M, Y, H
	Potassium and Sodium	SOPBVS105, ISE	M, Y, H
	Urea	SOPBVS104, Enzymatic/ Colourimetric	M, Y, H
	Uric Acid	SOPBVS106, Enzymatic/ Colourimetric	M, Y, H



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Urine	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
	Quantification of:	Beckman Coulter AU5800 (H), AU640 (M) and AU400 (Y) using procedure and measurement principle as stated:	
	Methadone	SOPBVS93, Cedia Immunoassay	M
	Opiates	SOPBVS94, Cedia Immunoassay	M
	Urine Albumin (Microalbumin)	SOPBVS117, Immunoturbidimetric	H
	Amphetamine/Ecstasy	SOPBVS88, Cedia Immunoassay	M
	Barbiturate	SOPBVS89, Cedia Immunoassay	M
	Benzodiazepine	SOPBVS90, Cedia Immunoassay	M
Urine, CSF	Cannabinoids (THC)	SOPBVS91, Cedia Immunoassay	M
	Cocaine Metabolite (Benzoyllecgonine)	SOPBVS92, Cedia Immunoassay	M
Urine, CSF	Urine, CSF Protein	SOPBVS123, Colourimetric	M, Y, H
Serum	Lithium	SOPBVS112, Colourimetric	M, Y, H
Serum, Heparin, Plasma, EDTA	Lactate Dehydrogenase (LDH)	SOPBVS61, Colourimetric	M, Y, H
Serum, Heparin, Plasma, Fluoride/ Oxalate Plasma, Urine	Alcohol	SOPBVS73, Enzymatic/ Colourimetric	M, Y, H
Serum, Heparin, Plasma, Fluoride/ Oxalate Plasma, Urine, CSF	Glucose	SOPBVS81, Enzymatic/ Colourimetric	M, Y, H



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	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
	Quantification of:	Beckman Coulter AU5800 (H), AU640 (M) and AU400 (Y) using procedure and measurement principle as stated:	
Heparin, Plasma,	Ammonia	SOPBVS75, Enzymatic/ Colourimetric	M, Y
Fluoride, Plasma, CSF	Lactate	SOPBVS121, Enzymatic/ Colourimetric	M, Y
Serum (trace metal tube), Heparin plasma (paediatric tube)	Zinc	SOPBVS70, Colourimetric	M
Faeces	Faecal Electrolytes	SOPBSB51, ISE, Enzymatic/ Colourimetric	M, Y
Urine	Urine Reducing Substances	SOPBSB2 Manual Colourimetry	H
	Urine Porphobilinogen	SOPBSB42 Manual Colourimetry	M
	Urinalysis (Bile pigments)	SOPBSB43 Siemens Clinitek, Status, Colourimetry	M, Y
	Urine Porphyrin	SOPBSB44 using Thermo Helios Gamma Spectrophotometry	M
Faeces	Faecal Elastase	SOPBSB50 using Sysmex DS2, Elisa test	H
Serum, Plasma, Urine	Osmolality	SOPBSB6 using Advanced Instruments micro-osmometer, Freezing point depression	M, Y
CSF	Xanthochromia	SOPBSB4 using Thermo Helios Gamma Spectrophotometer	M, Y
Sweat	Sweat Chloride Analysis	SOPBSB45 using Corning Chloride Meter, Conductivity	H



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Serum, Heparin, Plasma	<u>Endocrinology, Immunoassay examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
	Quantification of:	Beckman Coulter Dxl, Immunoenzymatic Chemiluminescent analysis using procedure:	
	Alpha FetoProtein (AFP)	SOPBVS2	H
	CA 125	SOPBVS4	H
	CA 153	SOPBVS25	H
	CA199	SOPBVS5	H
	Carcinoembryonic Antigen (CEA)	SOPBVS6	H
	Cortisol	SOPBVS7	M, H
	Ferritin	SOPBVS13	M, H
	Folate	SOPBVS9	H
	Follicle Stimulating Hormone (FSH)	SOPBVS12	H
	Free T3	SOPBVS10	M, Y, H
	Free T4	SOPBVS11	M, Y, H
	Human Chorionic Gonadotrophin (Hcg)	SOPBVS14	M, Y, H
	IgE	SOPBVS15	H
	Luteinising Hormone (LH)	SOPBVS16	H
	Oestradiol	SOPBVS17	M, Y, H
Parathormone (PTH)	SOP BVS21	M, H	
Prolactin	SOPBVS18	H	



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	Quantification of:	Beckman Coulter Dxl, Immunoenzymatic Chemiluminescent analysis using procedure:	
	Prostate Specific Antigen (PSA)	SOPBVS20	H
	Testosterone	SOPBVS22	H
Serum, Heparin, Plasma	Thyroperoxidase Antibody (TPO)	SOPBVS1	H
	Thyroid Stimulating Hormone (TSH)	SOPBVS23 using Beckman	M, Y, H
	Vitamin B12	SOPBVS3	H
Serum, Heparin, Plasma	Vitamin D (25-OH Vitamin D)	SOPBVS38	H
		Beckman Coulter Access2 Immunoenzymatic Chemiluminescent analysis using procedure:	
	CKMB Mass	SOPBVS8	M
	Cortisol	SOPBVS7	M, H
	Ferritin	SOPBVS13	M, H
	Free T3	SOPBVS10	M, Y, H
	Free T4	SOPBVS11	M, Y, H
	Human Chorionic Gonadotrophin (Hcg)	SOPBVS14	M, Y, H
Oestradiol	SOPBVS17	M, Y, H	
	Parathormone (PTH)	SOP BVS21	M, H



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	Progesterone	Beckman Coulter Access2 Immunoenzymatic Chemiluminescent analysis using procedure: SOPBVS19	M, Y, H
Serum, Heparin, Plasma	Thyroid Stimulating Hormone (TSH)	SOPBVS23	M, Y, H
	Troponin I	SOPBVS24	M, Y
Plasma	N-terminal pro B-type Natriuretic peptide (NT Pro BNP)	SOPBVS26 using Roche Cobas e411, Immunoenzymatic Chemiluminescent	H
Serum, Heparin, Plasma	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	Calculated tests using LabCentre System and procedure SOP RLR1	
	AKI Risk Flag Cholesterol/HDL Ratio Adjusted Calcium eGFR LDL Cholesterol Non-HDL Cholesterol		M, Y, H
	Osmolar Gap		M, Y
Urine	Transferrin Saturation		H
	24 Hr Urine		M, Y
	Calcium/Creatinine Ratio		M, Y
	24 Hour Urine Calcium		M, Y
	24 Hour Urine Potassium		M, Y
	24 Hour Urine Magnesium		M, Y
	24 Hour Urine Sodium		M, Y
	24 Hour Urine Phosphate		M, Y
	24 Hour Urine Uric Acid		M, Y
	24 Hour Urine Urea		M, Y
24 Hour Urine Creatinine		M, Y, H	
24 Hour Urine Protein		M, Y	



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Urine	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	Calculated tests using LabCentre System and procedure SOP RLR1	H	
	Urine Microalbumin/Creatinine Ratio			
	Urine Calcium/Creatinine Ratio			
	Urine Protein/Creatinine Ratio			
	Urine, Serum			24 Hr Creatinine Clearance
Urine, Serum	4 Hr Creatinine Clearance	M, Y, H		
Serum	Anion Gap Kappa/Lambda Light Chain Ratio		M, Y, H H	
CSF	Xanthochromasia Interpretive Comment		M, Y	
Serum, Plasma	<u>Immunology examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	H	
	Detection of:			BioPlex 2200 System Multiplex Flow Immunoassay using procedures IMD4, IMS16 and:
	IgA TTG			IMS17
	IgG ANA (dsDNA and ENA)			IMS18
	IgG Cardiolipin & IgM Cardiolipin			IMS19
Serum	IgG CCP	IMS21	H	
	IgG MPO, PR3 and GBM	IMS20	H	



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Serum	<u>Immunology examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
	Detection of:	QUANTA-Lyser 2, NOVA View indirect immunofluorescent assay using procedures IMD9, IMD3, IMS22, IMS23, IMS24 and:	
	IgG ANCA	IMS6	H
	IgG AIP	IMS7	
	IgG ANA	IMS8	H
Serum, Urine	IgA & IgG Endomysial	IMS9	H
	Paraprotein quantitation	BSB7, Sebia Capillarys 2 Flex-piercing, capillary electrophoresis	H
Serum	Serum free light chains	BSB8, BSB9, Siemens BN ProSpec, nephelometry	H
		NAVIOS Flow Cytometry using procedures HSB33, HSB34, HSB35 and:	
CSF, Bone Marrow, Pleural Fluid EDTA Whole Blood	Leucocyte Immunophenotyping	HSB31	H
EDTA Whole Blood	CD4 Enumeration (with absolute count beads)	HSB37	H
Citrate Plasma	<u>Haematology examination activities for the purpose of clinical diagnosis</u>	Sysmex CS2100i using procedures COS1, COS1 and procedure and measurement principle:	
	PT/INR	C0S2 SOP, Coagulation Method	M, Y, H
	APTT	C0S3 SOP, Coagulation Method	M, Y, H
	D-Dimers	C0S4 SOP, VLin Integral method	M, Y, H
	Fibrinogen	C0S5 SOP, Coagulation Method	M, Y, H



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Citrate Plasma (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
	Thrombin time	Systemex CS2100i using procedures COS1, COS1 and procedure and measurement principle: C0S14 SOP, Coagulation Method	M, H
	Heparin assay	C0S8 SOP, Chromogenic	M
	Refacto FVIII	C0S9 SOP, Coagulation Method	M, H
	Lupus Anticoagulant	C0S12 SOP, Coagulation Method	H
	Thrombophilia Screen: Protein C Protein S ATIII APCR	C0S12 SOP Chromogenic Immunoassay Chromogenic Coagulation Method	H
	Inhibitor (Bethesda assay)	C0S16 SOP, Coagulation Method	H
	Intrinsic factor assays (FVIII, FIX, FXI, FXII)	C0S6 SOP, Coagulation Method	M, H
	Extrinsic factor assay (FII, FV, FVII, FX)	C0S7 SOP, Coagulation Method	H
	vWF Activity	C0S17 SOP, Aggregation Method	H
	vWF Antigen	C0S18 SOP, Immunoassay	H
	Correction tests	C0S15 SOP, Coagulation Method	M, H
	Rivaroxaban assay	C0S24 SOP, Chromogenic	M
Factor II & Factor V Genotyping	Use of the Cepheid GeneXpert, RT PCR MPS4 and procedures: MPS10 SOP, RT-PCR	H	



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EDTA Blood	<u>Haematology examination activities for the purpose of clinical diagnosis</u> Full Blood Count: WBC, RBC, PLT Haemoglobin MCV Neutrophils, Lymphocytes, Monocytes, Eosinophils, LUC Basophils HCT MCH MCHC RDW % HYPO Retic	Advia 2120 by flow cell and colorimetric methods using procedures HSB4, HSB5, HSB6 and HSB7)	M, Y, H
	Erythrocyte Sedimentation Rate (ESR) Automated ESR	HSB8 SOP Photometrical capillary stopped flow kinetic analysis	H
	Detection & speciation of malaria parasites <i>Plasmodium falciparum</i> and pan-detection for: <i>Plasmodium malariae</i> , <i>Plasmodium ovale</i> & <i>Plasmodium vivax</i>	HSB10 SOP Commercial Binax NOW Malaria Kit	M, Y, H
	Manual Method <i>Plasmodium falciparum</i> <i>Plasmodium malariae</i> <i>Plasmodium ovale</i> <i>Plasmodium vivax</i> <i>Plasmodium knowlesi</i> G6PD Screen	Fields Staining (Thick films), Giemsa Staining (Thin films)	
	Viscosity	HSB3 SOP, BinaxNow G6PD screen HFT2 HSB16 SOP, capillary tube	M M



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EDTA Blood	Sickle cell solubility	COS19 SOP, Manual solubility test	M, Y, H
EDTA Blood/Bone Marrow	Detection of normal and abnormal morphologies	Light microscopy analysis of slide following manual staining (Wright and Perls) using procedure HSB9 SOP	M, Y, H
CSF, Ascitic Fluid	Morphological assessment of cell types present in serous fluids	Light microscopy analysis of cytopins produced using the Thermo Fisher Cytospin 4 and procedures HSB12 & HSB13	M
EDTA Whole Blood		Tosoh G8 Cation Exchange HPLC and procedures:	
	Haemoglobin A1c	SOPHSB20	H
	Haemoglobinopathy Screen to determine HbA2 and HbF levels and the presence of abnormal haemoglobins	SOPHSB18	H
	<u>Microbiology examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
	Isolation and characterisation of micro-organisms of clinical significance	Kiestra Total Laboratory Automation microscopy, manual gram stain, and manual culture using procedure MGB21 and	
Superficial Wound Swabs		MGB3 Examination of superficial wound swabs	H, M
Deep Seated Wound Swabs Pus, Drain fluid, Bile, Aspirates, Tissues, Bone, Prosthetic Joints		MGB14 Examination of Pus, Pus swabs from deep seated infections SOP MME4 Microbiology stains	H, M



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Body fluids from normally sterile sites	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> Isolation and characterisation of micro-organisms of clinical significance	In-house documented methods incorporating manufacturers' instructions as required Kiestra Total Laboratory Automation microscopy, manual gram stain, and manual culture using procedure MGB21 and MGB8 – Examination of Body fluids from normally sterile sites MME4 - Microbiology stains MME7 – Performing Cell Counts using counting chambers	H, M
Continuous ambulatory peritoneal dialysis fluid (CAPD)		MGB9 Examination of Continuous ambulatory peritoneal dialysis fluid MME4 Microbiology stains	H, M
CSF and Shunts		MGB7 Examination of CSF and CSF shunts MME4 Microbiology stains MME7 Performing cell counts using counting chambers	H, M
Genital Swabs/Fluids		MGB18 GU bench MME4 Microbiology stains	H, M
Eye Swabs, Canalicular Pus, Corneal Scrapes and Intraocular Fluids		MGB6 Eye swabs, canalicular pus, corneal scrapes and intraocular fluids MME4 Microbiology stains	H, M
ENT Swabs including - Ear, Nose, Throat, Mouth, Pernal Swabs		MGB4 Examination of ear, nose, mouth, throat and pernasal swabs	H, M
Sputum, Bronchial washing and associated respiratory samples, Anstral washouts		MGB15 Examination of Sputum and associated specimens MME4 Microbiology stains	H
Urine		the automated microscopy using Beckman IQ200 Analyser Laminar Flow using procedure MGB26 and MGB16 Examination of Urine Specimens	H



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Urine	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> Isolation and characterisation of micro-organisms of clinical significance	In-house documented methods incorporating manufacturers' instructions as required Manual microscopy and culture using procedure MGB16 Examination of Urine Specimens.	H, M
Faeces	Detection of GDH	Alere C Diff Chek 60 kit on Dynex DS2 analyser enzyme Immunoassay (EIA) MGB1 Detection of Clostridium difficile and its toxins in faeces VSB18 DS2 analyser	H
Faeces	Detection of GDH and Toxins A & B Detection and identification of the following: Ova, cysts and parasites	Alere Lateral flow C. difficile Quik Chek (EIA) card test Alere Cryptosporidium and Giardia kit on Dynex DS2 analyser enzyme Immunoassay (EIA) Direct and concentration microscopy for faecal ova, cysts and parasites. VSB18 DS2 analyser MGB13 Examination of Enteric samples	H H
Clear adhesive tape slide	Enterobius vermicularis ova	Detection of ova using light microscopy MGB13 Examination of Enteric samples	H
Aspirates, Pus	Ova, cysts and parasites including: Strongyloides stercoralis larvae, Giardia lamblia trophozoites, Cryptosporidium oocysts, Cyclospora, cayetanesis oocysts, Cystoisospora belli oocysts	Auramine phenol staining and incident-light fluorescence, Ziehl-Neelsen, iodine staining as appropriate and microscopic examination MGB13 Examination of Enteric samples	H



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

Southwest Pathology Services LLP
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Blood, Bone Marrow and Transfusion Packs	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> Isolation of microorganisms of clinical significance	In-house documented methods incorporating manufacturers' instructions as required BacTec FX blood culture system, automated monitoring of culture bottles. Agar plate culture of positive culture bottles MGB10 Examination of Blood Cultures, bone marrow and transfusion packs Kiestra Total Laboratory Automation, chromogenic agar plate culture MGB21 Kiestra TLA and	H, M, Y
MRSA & MSSA Screening Swabs, Fluids, Respiratory Samples and Tissues	Isolation of microorganisms of clinical significance	MGB22 MRSA & MSSA screening	H, M
Bacterial cultures isolated in-house from all samples listed above	Antimicrobial susceptibility testing of clinically significant bacteria	EUCAST Disc Diffusion MME22 antimicrobial susceptibility testing Minimum Inhibitory Concentration (MIC) Testing Strip / agar plate culture MME22 Antimicrobial susceptibility testing BD Phoenix System, automated ID / AST System MGB20 Phoenix ID and AST Analyser ESBL and AmpC confirmation by combination disc testing using procedure MME24 Rapid Carbapenemase screen (ROSCO Rapid Carb Screen) using procedure MME23	H H H H
Fungal isolates from samples listed above	Antifungal Susceptibility testing	Sensitite YeastOne, manual MIC microplate method MME17 Antifungal susceptibility testing	H



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Bacterial cultures isolated in-house from all samples listed above	<u>Microbiology examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
	Automated Identification of microorganisms of clinical significance from culture	Bruker MalDI-ToFF automated ID System MGB28 Using the MalDI-ToF	H
	Manual Identification of microorganisms of clinical significance from culture	Biochemical tests - Oxidase test, Catalase test, Trybuterin, X and V factors, specialist stains - India ink, Vincent's MGB25 Bacterial Identification MME4 - Microbiology stains	H
	Identification of Staphylococcal isolates	Tube Coagulase test, Prolex Staph Xtra latex MGB25 Bacterial Identification	H
	Serological identification of groups A, B, C, D, F and G of the Lancefield groups of Streptococci grown on agar plates	Pro-Lab Strep grouping kit MGB25 Bacterial Identification	H
	Detection of Salmonella Polyvalent 'O' (PSO) and 'H' (PSH), plus single factor 'O' and 'H' antisera. Detection of Shigella and Vibrio using specific antisera	Agglutination using Salmonella, Shigella and Vibrio agglutination sera. MGB25 Bacterial Identification	H
	Confirmatory identification of Neisseria gonorrhoeae	Gram stain, oxidase test, catalase test and Gonocheck II tube hydrolysis assay. MGB25 Bacterial Identification. MME4 Microbiology stains	H
	Bacterial differentiation	Gram stain and microscopy MME4 Microbiological Stains	H
Multi-resistant Gram Negative Bacilli (GNB) Screen	Selective plate agar culture SOP MGB13 Examination of Enteric samples	H	



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Bacterial cultures isolated in-house from Faeces, Rectal samples	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> Confirmation of E. coli 0157	In-house documented methods incorporating manufacturers' instructions as required E. coli 0157 latex MME8 O157 Prolab Latex Agglutination	H
Vaginal Smears	Diagnosis of Bacterial vaginosis	Gram stain and microscopy in accordance with Hays Criteria. MGB18 GU bench MME4 Microbiology stains	H
Aspirates, Fluids, Sputum, Tissue, Urine	Isolation and presumptive identification of Acid-alcohol fast bacilli (inc. Mycobacterium spp.)	Direct microscopy for Acid Fast Bacilli (AFB) MGIT Mycobacteria liquid culture system, automated monitoring of culture bottles Solid slope culture, manual inoculation. MGB12 Examination of specimens for Acid Fast bacilli MME4 Microbiology stains	H
Skin, Hair, Nail, Mucous membranes, Subcutaneous biopsies, Sinus samples, Clear adhesive tape strips	Isolation & identification of fungal pathogens including: Filamentous moulds Yeasts	Microscopic examination of fungal hyphae using KOH preparation Calcofluor statin. Agar plate culture. MGB22 Investigation of mycology	H
Yeast isolated in-house from all samples listed above	Yeast Isolate identification	Bruker Maldi-Toff automated ID System, germ tube test, cornmeal agar MME1 Maldi-Tof analyser MGB24 Mycology Identification	H
Pharmacy Plates, Air Sampling, Microbial Load and Sterility Testing	Environmental Testing	Agar plate culture, broth sterility testing - identification and quantification of growth MGB5 Examination of Environmental monitoring samples. MME4 Microbiology stains SOPMGB28 Maldi-Tof analyser	H



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	<u>Microbiology examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
Faeces	Detection of Clostridium difficile toxin	Use of the Cepheid GeneXpert, RT PCR MPS4 and procedures: MGB1 Detection of Clostridium difficile and its toxins in faeces	H
MRSA nasal swabs, Blood cultures	Detection of MRSA	MGB2 MRSA/MSSA screening MGB10 Blood cultures, bone marrow and transfusion packs	H, M
Respiratory fluids, Sputum	Detection of TB	MGB12 Examination of specimens for Acid Fast bacilli	H
Faeces	Detection of Helicobacter pylori Antigen	Alere, Manual Lateral Flow test SOP VSB1 – Investigation of H. pylori. SOP VSB18 - DS2 analyser	H
	<u>Virology examination activities for the purpose of clinical diagnosis</u>	Use of the Cepheid GeneXpert, RT PCR MPS4 and procedures:	
CSF	Detection of Enterovirus	MPS7 PCR detection of viruses from CSF	H
Serum/EDTA Plasma	HCV RNA quantification	MPS11 Hepatitis C Viral Load and Positive monitoring	H
Respiratory Fluids, Nose, Throat and Nasopharyngeal Swabs	Detection of Influenza A & B + RSV	MPS13 Respiratory virus detection by PCR	H
Faeces, Vomit	Detection of Norovirus	MPS8 Investigation of viral gastroenteritis and diarrhoea by PCR	H
Whole Blood	Factor II and Factor V Mutation genotyping	MPS10 - Factor II and Factor V genotyping	H
Faeces	Detection of Rotavirus / Adenovirus	Lateral flow Biorapid (EIA) card test SOP MGB13 – Examination of Enteric samples	H



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	<u>Virology examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
CSF	Viral PCR detection in CSF	EuroClone DuplicaPrep and Cepheid Smartcycler RT PCR. MPS6 DuplicaPrep MPS5 SmartCycler and Launch Fast Track Diagnostics Viral Meningitis panel MP7 PCR detection of viruses from CSF	H
CSF	Detection of HSV in CSF	Smart HSV RT PCR MP7 PCR detection of viruses from CSF	H
Whole Blood	Haemochromatosis Genotyping (C282Y & H63D)	EuroClone C282Y and H63D point mutation genotyping MPS9 Haemochromatosis HFE genotyping to detect C282Y and H63D point mutations	H
Genital, Oral or Skin	Detection of Herpes Simplex virus	Hologic Gen-Probe Panther system MPS3 Panther system for use with Hologic assays: MPS1 NAATs testing for sexually transmitted infections	H
EDTA Plasma (GenProbe only)	HIV RNA quantification	Aptima HIV Viral Load TMA NAATs assay. MPS12 HIV Viral Load Testing	H
Genital Swab, Urine (GenProbe only)	Detection of Neisseria Gonorrhoeae and Chlamydia	Aptima Combo 2 NAAT + Aptima GC confirmation NAAT MPS1 NAATs testing for sexually transmitted infections	H
Serum, EDTA Plasma	Monospot (Paul Bunnell) Test	Manual Test, Latex agglutination VSB13 EBV serology	H
Nasopharyngeal Aspirate/ Swab	Respiratory Syncytial Virus	Binax Now, Lateral Flow antigen test VSB10 - Investigation of RSV in respiratory samples	H



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Serum	<u>Virology examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
	Quantification of:	Beckman DXi, Chemiluminescence Immunoassay VSB20 Antenatal infection screening VBS30 Beckman Coulter Dxl and	
	HIV 1/2 Antigen/Antibody	VSB7 Serological investigation of HIV	H
	Rubella IgG Antibody screen Rubella IgM Antibody	VSB12 Rubella serology	H
	CMV (Cytomegalovirus) IgG Antibody, CMV IgM Antibody	VSB11 CMV serology	H
	HBsAg Screen Anti-HBs Hepatitis B core antibody	VSB8 Investigation of Hepatitis B	H
	HEPA A (Total Antibody)	VSB3 Investigation of Hepatitis A	H
	Hepatitis A IgM Antibody	VSB11 Investigation of Hepatitis A	H
	Hepatitis C Antibody	VSB2 Investigation of Hepatitis C	H
	Rubella IgG Antibody (secondary test)	Manual, Latex agglutination SOP VSB12 - Rubella serology	H
Treponema Pallidum IgM/IgG screen	Beckman AU5800, Immunoturbidimetric assay VSB19 Syphilis (Treponema pallidum) serology VSB20 Antenatal infection screening VBS36 AU5800	H	
Treponema Pallidum Antibody	Alere, Manual Immunocard test: VSB19 Syphilis (Treponema pallidum) serology	H	
HIV (HIV 1/2 Ag/Ab assay)	VSB7 Serological investigation of HIV	H, M	



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Serum	<u>Virology examination activities for the purpose of clinical diagnosis</u>	In-house documented methods incorporating manufacturers' instructions as required	
	Detection of:	Biomerieux, Vidas, Immunoassay (ELFA) VSB21 Vidas analyser and	
	HBsAg confirmation test	VS8 Investigation of Hepatitis B	H
	HIV 1/2 Ag/Ab assay	VS7 HIV serology	H
	B.burgdorferi IgG Antibody B.burgdorferi IgM Antibody	VS6 Investigation of Lyme Disease	H
	CMV IgG Antibody, CMV IgM Antibody	VS11 CMV Serology	H
	EBV Serology (VCA IgM, VCA IgG, EBNA IgG)	VS13 EBV serology SOP	H
	Hepatitis B core antibody	VS8 Investigation of Hepatitis B	H
	Hepatitis C Antibody	VS2 Investigation of Hepatitis C	H
	Detection of:	NovaTek Novalisa, DS2, ELISA VS18 DS2 analyser	
	Helicobacter pylori IgG	VS1 Investigation of H. pylori	H
	Measels virus IgG	VS14 Measles virus serology	H
	Parvovirus Serology IgM Parvovirus Serology IgG	VS15 Parvovirus serology	H
Varicella Zoster (VZ) virus IgG	VS16 Varicella Zoster virus serology	H	



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	Detection of: Mycoplasma pneumoniae IgM	Manual, Serodia Gelatin agglutination test SOP VSB4 – Investigation of Mycoplasma pneumoniae	H
	Mycoplasma pneumoniae IgM (confirmation)	Manual, Meridian Lateral Flow immunoassay SOP VSB4 – Investigation of Mycoplasma pneumoniae	H
	Toxoplasma Total antibody	Manual, Latex agglutination SOP VSB5 – Investigation of Toxoplasma gondii	H
Human Tissue	<u>Histopathology</u> Preparation and examination to identify or exclude morphological & cytological abnormalities	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	
Formalin fixed tissues		Macroanalysis and dissection Manual method using: PDR4 BMS dissection and MLA duties PDR16 Specimen Dissection YDH PDR50 Pathologist Specimen Dissection Decalcification Manual method using: PGM10: Decalcification Tissue Processing Automated method using: Leica Peloris, Leica ASP300, Leica ASP300S and PGM20 Tissue processing	M, Y



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Formalin fixed tissues		Embedding Manual method using: Tissue-Tek 5 embedder and PME3 Embedding Microtomy Manual method using: PME2 Microtomy and Leica 2235 Leica 2245, Shandon HM340E	M Y Y
Fresh tissue Frozen tissue	Intra-operative diagnosis	Rapid frozen section Cryotomy and manual Haematoxylin & Eosin (H&E) staining method using: PSM34 Manual H&E and Bright cryostat OFT5000	M, Y
Formalin fixed, paraffin embedded (FFPE) tissue	Basophilic & eosinophilic tissue structures	Routine Haematoxylin & Eosin (H&E) staining and coverslipping Automated method using: Prisma stainer and film coverslipper PSM1 H&E staining Manual method using PSM34 H&E staining	M, Y
FFPE tissue	Detection of the following: Alcian Blue/Pas with diastase Digestion Acid Mucins Acid and sulphated mucins Amyloid Bile Pigments	Special staining Manual methods using: PSM30 Alcian Blue PSM6 Alcian Blue PSM31 Congo Red PSM32 Fouchet	M, Y M, Y M, Y M, Y



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FFPE tissue	Detection of the following:	Special staining Manual methods using:	
	Differentiating between hematopoietic cells	PSM9 Giemsa	M, Y
	Helicobacter pylori	PSM10 Modified Giemsa	M, Y
	Gram positive and gram negative organisms	PSM11 Gram	M, Y
	Basement membranes	PSM33 Jones Methenamine Silver	M, Y
	Fungal organisms	PSM12 Grocott Hexamine-silver	M, Y
	Fibrin	PSM13 Martius Soluble Blue (MSB)	M, Y
	5HT in melanin and lipofuscins	PSM14 Masson-Fontana	M, Y
	Collagen and smooth muscle	PSM15 Masson Trichrome	M, Y
	Helicobacter pylori	PSM16 May Grunwald Giemsa	M, Y
	Elastic fibres & collagen	PSM17 Miller's Elastic Van Gieson	M, Y
	Hepatitis B surface antigen	PSM18 Shikata's Orcein	M, Y
	Liberated aldehydes	PSM30 Periodic acid Schiff/diastase +/- Digestion	M, Y
	Haemosiderin	PSM20 Perls' Prussian Blue	M, Y
	Reticulin fibres	PSM21 Reticulin, Gordon and Sweet's modification	M, Y
	Amyloid	PSM23 Sirius Red	M, Y



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FFPE tissue	Detection of the following:	Special staining Manual methods using:	
	Mast cell granules	PSM27 Toluidine Blue Metachromatic	M, Y
	Collagen and fibrosis	PSM25 Haematoxylin Van Gieson (HVG)	M, Y
	Calcium Salts	PSM26 Von Kossa	M, Y
	Acid fast bacilli, e.g. M. leprae	PSM27 Wade-Fite	M, Y
	Acid Fast Bacilli	PSM29 Ziel-Neelson	M, Y
	Detection of the following:	Immunohistochemistry Automated methods using: PIC1 using Leica Bondmax III staining machines	
	Anaplastic lymphoma kinase (Human p80 protein)	Alk1	M
	Mantle zone B lymphocytes & interfollicular T lymphocytes and other rare tumour types	Bcl2	M, Y
	Germinal centre B lymphocytes	Bcl6	M, Y
	Cell membrane glycoproteins expressed on healthy epithelia and in various carcinomas	Ber-EP4	M, Y
	B cells, plasma cells	BOB-1	M



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FFPE tissue	Detection of the following: Basal cells, filamentous keratins form glandular to stratified squamous, prostate adenocarcinoma	Immunohistochemistry Automated methods using: PIC1 using Leica Bondmax III staining machines 34βE12	M, Y
	Cancer antigen 125	CA125	Y
	Lymphoma panel	C-Myc	M, Y
	Smooth muscle cells	Calponin	M
	Calcium binding protein structurally related to S100 and inhibin	Calretinin	M, Y
	Epithelial	CAM 5.2	M, Y
	Colonic transcription factor	CDX2	M, Y
	T lymphocytes; helper/inducer T lymphocytes	CD3	M, Y
	T cell	CD5	M, Y
	T cell	CD7	M
	T cell	CD8	M
	Normal, early progenitor lymphoid cells; B lymphocytes in germinal centres	CD10	M, Y
	Hodgkin's & Reed-Sternberg cells	CD15	M, Y



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FFPE tissue	Detection of the following:	Immunohistochemistry Automated methods using: PIC1 using Leica Bondmax III staining machines	
	B lymphocytes	CD20cy	M, Y
	Follicular dendritic cells	CD21	M
	Key molecule for B cell activation and growth	CD23	M, Y
	Activated T lymphocytes; NK cells	CD25	M
	Hodgkin's & Reed-Sternberg cells	CD30	M, Y
	Endothelial cells; plasma cells; activated B & T lymphocytes	CD31	M, Y
	Haemopoietic precursor cells; endothelial cells; fibroblasts; other cell types in various solid tumours	CD34	M, Y
	Multifunctional enzyme, identify plasma cells and plasmablastic differentiation	CD38	M, Y
	T lymphocytes; myeloid lineage cells	CD43	M
	T & B lymphocytes	CD45	M, Y
	Peripheral nerves; NK cells; neuroendocrine differentiation	CD56	M, Y



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FFPE tissue	Detection of the following:	Immunohistochemistry Automated methods using: PIC1 using Leica Bondmax III staining machines	
	Macrophages; monocytes; granulocytes	CD68	M, Y
	Normal & neoplastic B lymphocytes	CD79a	M, Y
	Stem cell factor receptor, proto-oncogene activated in GIST tumors	CD117	M, Y
	Heparan sulfate proteoglycan, syndecan-1 in the late stage of B cell differentiation	CD138	M, Y
	Carcino-embryonic antigen (Adenocarcinomas, epithelial cells of the glandular lumen)	CEA	M, Y
	Chromogranin A (neuroendocrine cells and tumours)	Chromogranin A	M, Y
	Squamous epithelium	CK5	M,
	Simple, glandular & transitional epithelia	CK7	M, Y
	Epithelial	CK8/18	M, Y
	Epithelia	CK19	Y
	GI epithelia	CK20	M, Y



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FFPE tissue	Detection of the following:	Immunohistochemistry Automated methods using: PIC1 using Leica Bondmax III staining machines	
	Cytomegalovirus viral inclusions	CMV	M
	Mantle cell lymphoma	Cyclin D1	M, Y
	Smooth & striated muscle cells	Desmin	M, Y
	Interstitial cells of Cajal in GI tract, GIST	DOG-1	M
	Neural cell adhesion	E-Cadherin	M, Y
	Epstein Barr virus	EBER	M
	Epithelial membrane antigen (Glandular & ductal epithelia, perineurium; other cell types in various tumours)	EMA	M, Y
	Cellular estrogen receptor expression	ER	M, Y
	dendritic cells.	Fascin	M
	Thyroid tumour subtyping	Galactin 3	M
	Primary breast cancer marker	GATA-3	M
	Metastatic Breast Cancer	GCDFP-15	M
	Glial fibrillary acidic protein (Neural cells)	GFAP	M, Y



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FFPE tissue	Detection of the following: Human Chorionic Gonadotropin (Trophoblastic elements, e.g. in germ cell tumours) Human melanoma black 45 antigen (Activated melanocytes; melanocytic tumours) Sertoli cells (diffuse and strong), granulosa cells, prostate, brain, adrenal Demonstrates proliferating cells Breast cancer Melan A (MART-1) differentiation antigen (Normal, activated & neoplastic melanocytes) MLH-1 mismatch repair protein Cytokeratins 5, 6, 8, 17, 19 (All epithelia) Myeloperoxidase in Neutrophils, eosinophils, monocytes	Immunohistochemistry Automated methods using: PIC1 using Leica Bondmax III staining machines HCG HMB45 Inhibin Ki-67 Mammoglobin Melan A MLH1 MNF116 MPO	M, Y M, Y M, Y M, Y M, Y M M, Y M



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FFPE tissue	Detection of the following:	Immunohistochemistry Automated methods using: PIC1 using Leica Bondmax III staining machines	
	MSH-2 mismatch repair protein	MSH2	M
	MSH6 mismatch repair protein in colorectal carcinomas	MSH6	M
	Multiple myeloma oncogene-1	MUM-1p	M, Y
	Enolase gamma subunit (neuronal & neuroendocrine cells)	NSE	M, Y
	Seminoma	Oct-02	M
	Pluripotent germ cell tumours	OCT 3/ 4	M, Y
	Pre-B cells	PAX-5	M
	Ovarian serous carcinoma, clear cell renal cell carcinoma, papillary thyroid carcinoma	PAX-8	M
	Placental Alkaline Phosphatase in germ cell tumours, particularly seminomas; also breast, lung, ovarian carcinomas	PLAP	M, Y
	Pulmonary squamous cell carcinoma marker	P40	Y
	Cellular progesterone receptor expression	PR	M, Y



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Human Tissue	<u>Histopathology</u> Preparation and examination to identify or exclude morphological & cytological abnormalities	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	
FFPE tissue	Detection of the following: PMS2 mismatch repair protein in colorectal carcinomas Prostate specific antigen Prostate secretory and ductal epithelium p16INK4a oncoprotein (Normal, activated and neoplastic melanocytes) Neoplastic cells in epithelium Squamous epithelium Normal and neoplastic melanocytes; macrophages; adipocytes; nerve fibres; many tumour types Smooth muscle, myoepithelial and other contractile cells	Immunohistochemistry Automated methods using: PIC1 using Leica Bondmax III staining machines PMS2 PSA PSMA p16 p53 p63 S100 SMAActin	M M, Y M, Y M, Y M, Y M, Y M, Y
Slides prepared in-house from sample types listed above	Morphological assessment and interpretation/diagnosis	Microscopy (qualitative analysis) In-house procedures: PDR50	M, Y



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United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Southwest Pathology Services LLP
Issue No: 001 **Issue date:** 29 September 2018

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Human Tissue	<u>Diagnostic cytology</u> Preparation and examination to identify or exclude morphological & cytological abnormalities	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	
Body fluids: Cerebrospinal fluid (CSF) Urine General body fluids Brushings (Bronchial, gastric, oesophageal, duodenal etc.) Skin Scrapings Imprints Fine Needle Aspirations Respiratory Samples (Broncho alveolar lavage (BAL), Brushings, washings and sputum)		Preparation/centrifugation In-house procedures: Non-Gynae Cytology PNG1, 2, 3, 5 CEQ14 using Stainmate X2 CEQ10 using stainer/coverslipper CEQ1 using Microscope CEQ5 using Downflow unit CPR31 Body fluids CPR32 Urine CPR33 Bronchial samples and sputum CPR34 FNA CPR35 Joint fluids CPR36 CSF CPR38 Summary NG Prep CPR76 Immunology and Cell Block requests	H, Y
Cervical/vaginal cells (Liquid Based Cytology/LBC sample)	Preparation and screening to identify or exclude cytological abnormalities for the purpose of diagnosis	H&E, Papanicolaou and MGG staining Automated/manual using in-house procedures: CEQ4 using Cytospin 4, CEQ2 using centrifuge	H
		Specimen Processing using CEQ_B004 using T5000 processor and ThinPrep liquid preparation Acetic acid treatment (bloodstained samples) CEQ11 using T2000 processor	H H
		Hologic ThinPrep stain CEQ10 using stainer/coverslipper CIV46 using ovens	H
	High Risk HPV Testing	CEQ42 using Hologic Tomcat MPS3 using Hologic Panther CHP1 Overview of HR-HPV testing and reporting	H



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Human Tissue	<u>Diagnostic cytology</u> Preparation and examination to identify or exclude morphological & cytological abnormalities	Macroscopic and Microscopic examination using in-house procedures (listed) in conjunction with manufacturer's instructions for the following methods (where relevant)	
Slides prepared in house from amples listed above	Morphological assessment and interpretation/diagnosis	Microscopy (qualitative analysis) In-house procedures: CCSC5 Screening of Gynae samples CSC6 Primary screening result entry CSC7 Rapid review authorisation CSC8 Technical and Clinical Authorisation CSC23 Reporting of Glandular Abnormalities	H
	High Risk HPV Testing	CEQ42 using Hologic Tomcat MPS3 using Hologic Panther CHP1 Overview of HR-HPV testing and reporting	H
Blood	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u>	In house documented procedures based on equipment manuals and standard methods as specified below	
	Blood Grouping (ABO and RhD type)	TXS10, TXS11, TXS12, TXS27, TXS63 and TXS64 using Ortho Vision card/column agglutination and tube technique	M, Y
	Red Cell Antibody Screen	TXS10, TXS63 and TXS64 using Ortho Vision card/column agglutination	M, Y
	Rhesus and K phenotyping Rh – C, D, E, c, e, Kell - K	TXS5, TXS63 and TXS64 using Ortho Vision card/column agglutination	M, Y



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Blood	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u>	In house documented procedures based on equipment manuals and standard methods as specified below	
	Phenotyping of red cell Antigens: Jka/Jkb, M/N, S/s and Fya/Fyb	TXS6, TXS63 and TXS64 using Ortho Vision card/column agglutination against Ortho Sera	M, Y
	Detection of Antibodies: Rhesus blood group Antibodies: anti-C, anti-c, anti-D, anti-E, anti-e Kell system blood group antibodies: anti-K, anti-k, anti-Kpa Kidd blood group antibodies: anti-Jka, anti-Jkb MNS blood group antibodies: anti-M, anti-N, anti-S, anti-s Duffy blood group antibodies: anti-Fya, anti-Fyb Lewis blood group antibodies: anti-Lea, anti-Leb	TXS10, TXS12, TXS15, TXS63 and TXS64 using Ortho Vision Card/column agglutination	M, Y
	Direct Antiglobulin Test	TXS12, TXS26, TXS63 and TXS64 using Ortho Vision card/column agglutination	M, Y
	Monospecific Coombs Test (IgG, C3d/C3b)	TXS12, TXS45, TXS63 and TXS64 using Ortho Vision card/column agglutination	M, Y
	Serological cross match: Serological compatibility Testing between donor red cell Antigens and patient plasma antibody	TXS38, TXS63 and TXS64 using Ortho Vision card/column agglutination	M, Y



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Blood	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u> Detection and Estimation of Foetal Maternal Haemorrhage through Quantification of foetal Hb in Maternal blood	In house documented procedures based on equipment manuals and standard methods as specified below TXS16 using Kleihauer test - acid elution followed by microscopy	M, Y
	Antibody titration <ul style="list-style-type: none"> • Rhesus: anti-Cw, anti-C, anti-E, anti-e, • Kell system: anti-K, anti-k, anti-Kpa, • Kidd: anti-Jka, anti-Jkb, • Duffy: anti-Fya, anti-Fyb 	TXS8 - Titration techniques by serial dilution of plasma using Ortho Vision card/column agglutination	M, Y
END			