


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>8681</p> <p>Accredited to ISO 15189:2012</p>	<h3>NHS Tayside</h3> <p>Issue No: 006 Issue date: 04 January 2021</p>	
	<p>Blood Sciences Dep't Level 7 Ninewells Hospital DUNDEE DD1 9SY</p>	<p>Contact: Ryan Cooper Tel: 01382 660111 ext: 36131 E-Mail: ryan.cooper2@nhs.scot Website: http://www.nhstayside.scot.nhs.uk</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address NHS Tayside Blood Sciences Level 7 Ninewells Hospital (NW) Dundee DD1 9SY</p> <p>Local contact: Ryan Cooper Tel: 01382 660111 ext:36131 Fax: 01382 645333 Email: ryan.cooper2@nhs.net</p>	<p>Core Biochemistry Special Biochemistry Core Haematology Special Haematology Immunology</p>	A
<p>Address Department of Blood Sciences Perth Royal Infirmary (PRI) Perth PH1 1NX</p> <p>Local Contact: Paula King Tel: 01382 660111 ext:33075 Fax: 01382 645333 Email: paula.king5@nhs.net</p>	<p>Core Biochemistry Core Haematology Blood Transfusion</p>	B
<p>Address Scottish Bowel Screening Programme Laboratory Blood Sciences Level 7 Ninewells Hospital (NW) Dundee DD1 9SY</p> <p>Local Contact: Alisson McPherson Tel: 01382 425678 Fax: 01382 425679 Email: alisson.mcpherson@nhs.net</p>	<p>Scottish Bowel Screening Service</p>	A
<p>Diabetic Clinic Ninewells Hospital (NW) Dundee DD1 9SY</p> <p>Local Contact: Chris Hind Tel: 01382 660111 ext:35582 Fax: 01382 645333 Email: chris.hind@nhs.net</p>	<p>HbA1C</p>	C
<p>Diabetic Clinic Perth Royal Infirmary (PRI) Perth PH1 1NX</p> <p>Local Contact: Paula King Tel: 01382 660111 ext:33075 Fax: 01382 645333 Email: paula.king5@nhs.net</p>	<p>HbA1C</p>	D



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Site activities performed away from the locations listed above:

Location details	Activity	Location code
Blood Transfusion Laboratory Department of Blood Sciences Perth Royal Infirmary (PRI) Perth PH1 1NX Local Contact: Layna Heller Tel: 01738 473338 Fax: 01738 473564 Email: layna.heller@nhs.net	Blood Stock refrigerator	B
Blood Transfusion Laboratory Department of Blood Sciences Perth Royal Infirmary (PRI) Perth PH1 1NX Local Contact: Layna Heller Tel: 01738 473338 Fax: 01738 473564 Email: layna.heller@nhs.net	Blood Issue refrigerator	B
Haematology/Oncology Unit Perth Royal Infirmary (PRI) Perth PH1 1NX Local Contact: Layna Heller Tel: 01738 473338 Fax: 01738 473564 Email: layna.heller@nhs.net	Blood Stock refrigerator	B
Main Theatres Perth Royal Infirmary (PRI) Perth PH1 1NX Local Contact: Layna Heller Tel: 01738 473338 Fax: 01738 473564 Email: layna.heller@nhs.net	Blood Bank (Theatres)	B
Phlebotomy Local Contact: Paula King Tel: 01382 660111ext:33075 Fax: 01382 645333 Email: paula.king5@nhs.net	Venepuncture (not Paediatric)	A, B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES Venous Blood; red cells Venous Blood; red cells Venous Blood; red cells Venous blood; plasma	<u>Blood Transfusion examination activities for the purpose of clinical diagnosis'</u>	Documented In-house methods using:	B
	Blood Grouping <ul style="list-style-type: none"> • A B O • Rhesus D 	DiaMed GelStation analyser and associated testing protocols – fully automated DiaMed cassette technology. Manual procedures by test tube technology-red cell agglutination, macroscopic visual detection. SOP: TRAN 69	
	Antibody Detection and Identification	DiaMed GelStation analyser and associated testing protocols – fully automated DiaMed cassette technology using Antibody Screen-3 cell panel and Antibody Identification 11 cell panel Manual procedure DiaMed cassette technology, macroscopic visual detection and Antibody Screen-3 cell panel, and Antibody Identification 11 cell panel SOP: TRAN 17	B
	Red Cell Phentotyping	Manual methods and SOP TRAN 19	B
	Electronic Issue	DiaMed GelStation analyser, Traceline, Proteus LIMS and SOP TRAN 11	B
Compatibility testing of patients plasma with donor cells	Manual procedure DiaMed cassette technology, macroscopic visual detection and SOP TRAN 09,11	B	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology</u> examination activities for the purpose of clinical diagnosis'	Documented In-house methods using:	
Whole blood: EDTA	FBC <ul style="list-style-type: none"> • Haemoglobin estimation • Red cell and platelet counts • Haematocrit • Differential white cell count • Reticulocyte • MCV • MCH • MCHC 	ADVIA 2120i series Haematology and SOP's CORE 6 Colorimetric Laser light scatter Calculated parameter from MCV and RBC Laser and light scatter and light absorbance Laser light scatter and absorbance Calculated parameters Calculated parameters Calculated parameters	A, B
Whole blood :EDTA,	Film selection and Preparation Film reporting WBC Differential	SOP CORE 10- validation/selection Advia Autoslide maker (MGG) SOP CORE 25 Modified Wright's blood smears by Hematek SOP SPEC 51 SOP CORE 8 SOPCORE 21	A, B A A, B A, B A, B



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology</u> examination activities for the purpose of clinical diagnosis' (cont'd)	Documented In-house methods using:	
Bone Marrow	<u>Bone marrow reporting of normal and abnormal morphologies</u>	May Grunwald/Giemsa staining SPEC 31 Siemens Hematek staining machine- SPEC 51 and Perls Prussian blue SPEC 31 and microscopy	A, B
	Malaria Parasite detection <ul style="list-style-type: none"> • P.falciparum • P.vivax • P.ovale • P.malariae • P knowlesi 	Inverness Medical Binax NOW kit - SOP CORE 42 Giemsa stain, Clinitech rapid field stain and microscopy- SOP CORE 41, CORE 42	A, B
Whole blood :EDTA	Plasma Viscosity	Benson BV 200 analyser Detected by flow resistance SOP CORE 43	A
Whole Blood: Citrated	Blood Coagulation <ul style="list-style-type: none"> • Prothrombin time <ul style="list-style-type: none"> ○ INR • Activated Partial Thromboplastin Time • Fibrinogen estimation Clauss method • Thrombin Time including correction with protamine sulphate • 50/50 mixing studies 	ACL TOP 300 (B) /700 (A) Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change SOP COAG 87 Turbidimetric method SOP COAG 88 Turbidimetric method SOP COAG 74 Turbidimetric method SOP COAG 75 Turbidimetric method SOP COAG 80	A, B A, B A, B A, B



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology</u> examination activities for the purpose of clinical diagnosis' (cont'd)	Documented In-house methods using:	
Whole Blood: Citrated (cont'd)	Blood Coagulation (cont'd)	ACL TOP 300 (B) /700 (A)	
	<ul style="list-style-type: none"> • D-Dimers 	Latex immunoassay SOP COAG 77	A, B
	<ul style="list-style-type: none"> • Anti Xa 	Chromogenic assay SOP COAG 91	A
	<ul style="list-style-type: none"> • Factor assay <ul style="list-style-type: none"> ○ II ○ V ○ VII ○ X 	Turbidometric method. Extrinsic Factors SOP COAG 90	A
	<ul style="list-style-type: none"> ○ VIII ○ IX ○ XI ○ XII 	Intrinsic Factors SOP COAG 89	A
	<ul style="list-style-type: none"> • Refacto AF Factor VIII 	Turbidimetric method SOP COAG 98	A
	<ul style="list-style-type: none"> • FVIII Inhibitor assay • FIX Inhibitor assay 	Turbidimetric method SOP COAG 27	A
	DRVVT Screen and Confirm	Turbidimetric method SOP COAG 93	A



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology</u> examination activities for the purpose of clinical diagnosis' (cont'd)	Documented In-house methods using:	
Whole Blood: Citrated (cont'd)	Blood Coagulation (cont'd)	ACL TOP 300 (B)/700 (A)	
	Antithrombin	Chromogenic Assay SOP COAG 94	A
	Protein C	Chromogenic Assay SOP COAG 95	A
	Protein S	Immunoturbidimetric SOP COAG 96	A
	von Willebrand screen von Willebrand antigen assay	Immunoturbidimetric SOP COAG 97	A
	Ristocetin Co-Factor assay	Immunoturbidimetric SOP COAG 98	A
	Haemoglobin S	Detection of decreased solubility of haemoglobin S with Microgen S test SOP SPEC 55	A
	<u>Haematological Malignancies</u> examination activities for the purpose of clinical diagnosis	Documented In-house methods using:	
Whole Blood (EDTA)	Paroxysmal Nocturnal Haemoglobinuria (PNH)	Becton Dickinson Canto II Flow Cytometry via Multicolour Flow analysis using SOP TC 55	A
Whole Blood (EDTA), Bone Marrow (EDTA), Peripheral Blood Stem Cell Harvest product	Stem Cell Markers (CD34)	In concordance with ISHAGE guidelines Becton Dickinson Canto II Flow Cytometry-single platform multi colour flow analysis and SOP TC 56	A



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	Haematological Malignancies examination activities for the purpose of clinical diagnosis (cont'd)	Documented In-house methods using:	
Whole Blood (EDTA), Bone Marrow (EDTA), CSF, Ascitic fluids, Pleural fluids	Chronic Leukaemia Panel <ul style="list-style-type: none"> • Tube 1 – Lymphocyte screen • Tube 2 – B cell screen • Tube 3 – Hairy cell markers • Tube 4 Additional B&T cell markers 	Becton Dickinson Canto II Flow Cytometry via Multi colour flow analysis using SOP TC 57	A
	Acute Leukaemia Panel	Becton Dickinson Canto II Flow Cytometry Dual colour analysis via Fluorochromes FITC & PE using SOP 62	A
	<u>Chemistry</u> examination activities for the purpose of clinical diagnosis'	Documented In-house methods using:	
Serum/Plasma/Urine	Chloride Potassium Sodium	Siemens Advia 2400 and SOP NCORE 107 -Detected by Potentiometry	A
Serum/Plasma/Urine	Calcium Creatinine Magnesium Phosphate Uric Acid Urea	Siemens Advia 2400 and SOP NCORE 107 -Detected by Spectrophotometry	A
Plasma	Ammonium Lactate	Siemens Advia 2400 and SOP NCORE 107 -Detected by Spectrophotometry	A
Plasma/CSF	Glucose	Siemens Advia 2400 and SOP NCORE 107 -Detected by Spectrophotometry	A
Urine	Micro Albumin	Siemens Advia 2400 and SOP NCORE 107 -Detected by Spectrophotometry	A



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Chemistry</u> examination activities for the purpose of clinical diagnosis' (cont'd)	Documented In-house methods using:	
Urine/CSF	Urine Protein	Siemens Advia 2400 and SOP NCORE 107 -Detected by Spectrophotometry	A
Serum/Plasma	Albumin Alkaline Phosphatase ALT Bicarbonate Bile Acids Cholesterol C-Reactive Protein Creatine Kinase GGT HDL-Cholesterol Iron Lactate Dehydrogenase Methotrexate SACE Total Bilirubin Total Protein Transferrin Triglycerides	Siemens Advia 2400 and SOP NCORE 107,123 - Detected by Spectrophotometry	A
Serum/Plasma	Carbamazepine Gentamicin Phenytoin Theophylline Tobramycin Valproate Vancomycin Phenobarbitone	Siemens Dimension Vista 1500 and SOP NCORE 113 - Detected by Turbidimetry	A
CSF	CSF IGG	Siemens Dimension Vista 1500 and SOP NCORE 113 - Detected by Nephelometry	A
Serum/Plasma	Alpha-1 Antitrypsin Haptoglobin IgA IgM	Siemens Dimension Vista 1500 and SOP NCORE 113 - Detected by Nephelometry	A



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Serum/Plasma/CSF	IgG	Siemens Dimension Vista 1500 and SOP NCORE 113 - Detected by Nephelometry	A
Serum/Plasma	Digoxin Ferritin Folate Free T3 Free T4 NT-proBNP Total HCG Troponin I TSH	Siemens Dimension Vista 1500 and SOP NCORE 113 - Detected by LOCI	A
Plasma	Ethanol	Siemens Dimension Vista 1500 and SOP NCORE 113 - Detected by Spectrophotometry	A
Urine	Urine Amylase	Siemens Dimension Vista 1500 and SOP NCORE 113 - Detected by Spectrophotometry	A
Serum/Plasma	Amylase AST Direct Bilirubin Lithium Paracetamol Salicylate	Siemens Dimension Vista 1500 and SOP NCORE 113 - Detected by Spectrophotometry	A
Serum	CA125 CA153 CA199 Prolactin PSA P3NP	Siemens Advia Centaur XP and SOP NCORE 110 - Detected by non-competitive two site sandwich chemiluminescent immunoassay	A
Serum	Alphafetoprotein	Siemens Advia Centaur XP and SOP NCORE 110 - Detected by non-competitive two site sandwich chemiluminescent immunoassay	A



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Chemistry</u> examination activities for the purpose of clinical diagnosis' (cont'd)	Documented In-house methods using:	
Serum/Plasma	Parathyroid Hormone Procalcitonin Sex Hormone Binding Globulin	Siemens Advia Centaur XP and SOP N CORE 110 - Detected by non-competitive two site sandwich chemiluminescent immunoassay	A
Serum/Plasma	Oestradiol Vitamin B12	Siemens Advia Centaur XP and SOP N CORE 110 - Detected by competitive chemiluminescent immunoassay	A
Serum	CEA Cortisol FSH LH Progesterone Testosterone	Siemens Advia Centaur XP and SOP N CORE 110 - Detected by competitive chemiluminescent immunoassay	A
Serum/Plasma			
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Chemistry</u> examination activities for the purpose of clinical diagnosis' (cont'd)	Documented In-house methods using:	
Serum/Plasma/Urine	Osmolality	Advanced Instruments Model OSMO 1 and SOP N CORE 125 - Detected by freezing point depression	A,
Serum/Plasma	Potassium Sodium	Roche AVL 9180 Electrolyte Analyser and SOP N CORE 9, NNPT 42, PCORE 46 – Detected by Direct ISE Potentiometry	A, B
Whole blood	HbA1C	Menarini HA 8180 and SOP NNPT 52, Detected by HPLC	A, C, D



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Chemistry</u> examination activities for the purpose of clinical diagnosis' (cont'd)	Documented In-house methods using:	
Serum/Plasma	Chemistry- Immunoassay ACTH Anti-thyroglobulin Erythropoietin Growth Hormone Insulin Thyroglobulin	Immulite 2000 XPi detected by chemiluminescence using SOP NSPECIMM 32, 39	A
Serum/Urine	Bence Jones Proteins Serum Immunofixation Urine Immunofixation	Sebia Hydrasys Electrophoresis and SOP NSPECPRO 7,19,20	A
Serum	Serum Protein Electrophoresis	Sebia Capillarys Capillary Zone Electrophoresis and SOP NSPECPRO 32	A
Urine	GCMS Confirmation (Methadone, Opiates, Benzodiazapine, Amphetamines, Cannabinoids, Cocaine	Thermo Polaris GCMS SOP NSPECTOX 87	A
	UMETS <ul style="list-style-type: none"> • normetadrenaline, • metadrenaline • 3-methoxytyramine 	Thermo-Fisher TSQ Quantum Ultra LC-MS' NLCMS 11	A
Whole Blood (k-EDTA)	Ciclosporin Tacrolimus	Thermo TSQ Ultra LCMS and SOP NLCMS 8	A



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Chemistry</u> examination activities for the purpose of clinical diagnosis' (cont'd)	Documented In-house methods using:	
Urine	Urine analysis 5 hydroxyindole acetic acid	Waters e2645 HPLC-ECD HPLC with electrochemical detection and SOP NSPECTOX ,53	A
Urine	Porphobilinogen	Uvikon XS Scanning Spectrophotometry Extraction/spectrophotometric kit method and SOP NSPECTOX 93	A
Serum/CSF	Xanthochromia	Uvikon XS Scanning Spectrophotometry Extraction/spectrophotometric kit method and SOP TSPECPRO1	A
	<u>Calculated Tests</u>		A
	<ul style="list-style-type: none"> • Albumin/creatinine ratio • Protein/creatinine ratio • Chol/HDL ratio • LDL-cholesterol • % saturation of transferrin • Free androgen index • Calculated free testosterone • iLFT • AKI • eGFR/CKD stage • Adjusted calcium • Calcium excretion index • Creatinine clearance 		
Faeces	Antibodies to Human Globulin Qualitative Faecal Immunochemical test (QFIT)	HM JACKarc analyser, detected by latex agglutiantion	A
	Detection and quantitaion	Symptomatic NSPEC MET 10	
	Detection	<u>Scottish Bowel Screening</u> SBSC 32	A



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Immunology</u> examination activities for the purpose of clinical diagnosis'	Documented In-house methods using:	
Blood (Serum)	Allergy Total IgE- Allergen Specific IgE Specific IgG: <ul style="list-style-type: none"> • Aspergillus precipitins • Avian (Serum) Antibody (pigeon fanciers lung) • Micropolysporia faeni (farmers lung) Tryptase	Phadia ImmunoCAP 250 FEIA by fluorescence detection of strength of antibody/antigen reactions IALL01 IALL02 IALL03	A
	SPECIFIC IgE ALLERGENS α, β, γ, ω gliadin Almond Alternaria alternata Amoxycillin Ampicillin Apple Aspergillus fumigates Banana Barley Bean white Bee venom Beef Birch pollen silver Brazil nut Cacao Carrot Cashew nut Cat dander Cheese (cheddar) Chicken meat Chilli pepper Cladosporium herbarum Coconut Crab Cucumber Curry (Santa Maria) Dog dander	Phadia ImmunoCAP 250 FEIA by fluorescence detection of strength of antibody/antigen reactions IALL01	A



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Blood (Serum)</p>	<p><u>Immunology</u> examination activities for the purpose of clinical diagnosis' (Allergy cont'd)</p> <p>SPECIFIC IgE ALLERGENS (cont'd)</p> <p>Egg white Egg yolk Fish (cod) Garlic Gluten Grape Grass pollen (timothy) Guinea pig epithelium Hazelnut Horse dander House dust mite Kiwifruit Latex Lemon Lentil Mango Melon Milk (cow's) Mouse (epithelium) Mugwort pollen Mushroom Mussel (blue) Oat Oil seed rape (oil-food) Oil Seed rape (pollen) Omega-5 gliadin Onion Orange Pea Peanut Pecan Penicillin G Penicillin V Pineapple Pine nut Pistachio Poppy seed</p>	<p>Documented In-house methods using:</p> <p>Phadia ImmunoCAP 250 FEIA by fluorescence detection of strength of antibody/antigen reactions IALL01</p>	<p>A</p>



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Immunology</u> examination activities for the purpose of clinical diagnosis' (Allergy cont'd)	Documented In-house methods using:	
Blood (Serum)	SPECIFIC IgE ALLERGENS (cont'd) Pork Potato Rabbit epithelium Raspberry Rat epithelium/urine/serum Red pepper Rye Salmon Scallop Sesame seed Shrimp Soya bean Strawberry Sunflower seed Tomato Tuna fish Walnut Wasp venom Wheat Yeast	Phadia ImmunoCAP 250 FEIA by fluorescence detection of strength of antibody/antigen reactions IALL01	A
Blood (Serum)	Allergen components rApi m1 PLA2 rAra-h-2 rAra-h-8 rBet v1 PR-10 rBet v2 profilin rPru p3- LTP-peach rPhi p12 profilin timothy rVes v1 PLA1 rVes v5 antigen 5	Phadia ImmunoCAP 250 FEIA by fluorescence detection of strength of antibody/antigen reactions IALL01	A



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HUMAN BODY FLUIDS AND TISSUES (cont'd) Blood (Serum)	<p><u>Immunology</u> examination activities for the purpose of clinical diagnosis' (cont'd)</p> <p>Autoantibodies to:</p> <ul style="list-style-type: none"> • Cardioliipin • CCP • IgG β2 glycoproteins • IgM RF • dsDNA • ENAs <ul style="list-style-type: none"> ○ CenpB ○ Jo-1 ○ La ○ polymerase 3 ○ Fibrillarin IgM ○ Ro 52 ○ Ro 60 ○ U1RNP ○ Scl-70 ○ Sm ○ Ribosomal P • GBM • MPO • PR3 • IgA Tissue transglutaminase • Thyroid Peroxidase <p>Autoantibodies to: Intrinsic factor</p>	<p>Documented In-house methods using:</p> <p>Phadia ImmunoCAP 250 by fluorescence detection of strength of antibody/antigen reactions using ELIA kits IAIM011 IAIM018</p> <p>IAIM017 IAIM014 IAIM015</p> <p>IAIM08 IAIM02</p> <p>IAIM016</p> <p>IAIM012</p> <p>Manual- Orgentec ELISA using colourmetric detection system IAIM06</p>	A



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

NHS Tayside

Issue No: 006 **Issue date:** 04 January 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Immunology</u> examination activities for the purpose of clinical diagnosis' (cont'd)	Documented In-house methods using:	
Serum	Extended liver autoantibodies-AMA M2, M2-3E, Sp100, PML, gp210, LKM-1, LC-1, SLA/LP, Ro52 Myositis panel-Mi2a, Mi2b, TIF1GAMMA, MDA5, NXP2, SEA1, Ku, PM-Scl-100, PM-Scl-75, Jo-1, SRP, PL-7, PL-12, EJ, OJ, RO52 Scleroderma panel- Scl-70, CENPA, CENPB, RP11, RP155, fibrillarin, NOR90, Th/To, PMScl-100, PMScl-75, Ku, PDGFR, Ro-52 Neuronal Paraneoplastic panel- amphiphysin, CV2, PNMA2 (Ma2Ta), Ri, Yo, Hu.	EuroImmuno- BlotMaster Immunoblotting- flat bed scanner and Euroline Software analysis detected by optical detection. SOP IAIM 15, 25 and 10	A
Blood (Serum)	Autoantibodies to anti-TSH receptor antibodies IgG antibodies to specific (functional antibodies to: Haemophilus influenza Pneumococcus Tetanus toxoid	Manual-RSR inhibiting ELISA Colourmetric detection system IAIM 013 Manual- Binding Site Ltd ELISA Colourmetric detection system IAIM022 IAIM021 Manual- In house ELISA IAIM020	A A A
Blood (Serum)	Rheumatoid factor	Manual- Biokit Rheumatjet latex agglutination IAIM017	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Immunology</u> examination activities for the purpose of clinical diagnosis' (cont'd)	Documented In-house methods using:	
Whole Blood (EDTA)	Cellular Immunity Lymphocyte phenotyping;- <ul style="list-style-type: none"> • CD3 • CD4 • CD8 • CD19 • CD56+16 Lymphocyte phenotyping;- <ul style="list-style-type: none"> • CD3 • CD4 • CD8 HLADR expression on lymphocytes B cell maturation markers Neutrophil respiratory burst	Becton Dickinson FACS Canto II plus SPA III and MDMS Flow Cytometry system with enumeration of lymphocytes. ICELL01 ICELL03 ICELL04 Glycotrope phagoburst kit ICELL05	A
Whole Blood (lithium heparin)	IGRA QuantiFERON	Manual- QIAGEN :- QuantiFERON Gold in Tube. ICELL07	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd) Plasma and serum	<u>Immunology</u> examination activities for the purpose of clinical diagnosis' (cont'd) Immunofluorescence- Antibodies to; <ul style="list-style-type: none"> • Adrenal • ANA • ENA • AMA • ANCA • Endomysial (IgA) • Endomysial (IgG) • GPC • LKM • Neuronal (paraneoplastic) • Paediatric ANA • Paediatric AMA • Paediatric LKM • Paediatric ASM • Skins • ASM 	Documented In-house methods using: Quantalyser staining platform Or Manual staining assay with Quantalink bidirectional requesting/results system with microscopic detection of fluorescent patterns. IAIM07 IAIM01 IAIM 015 IAIM025 IAIM02 IAIM016 IAIM06 IAIM 25 IAIM010 IAIM09 IAIM 25	A
END			