Schedule of Accreditation

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St George's University Hospitals NHS Foundation Trust

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Immunological examinations for the purpose of clinical diagnosis</u> Detection of the following:	In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Serum	<u>Specific IgG</u> Aspergillus IgG *Avian Precipitins* (Budgerigar & Pigeon serum proteins, feathers and droppings (combined) IgG) Thermophilic mould IgG (*Thermoactinomyces vulgaris* and *Micropolyspora faeni* IgG)	ImmunoCAP assay using the Phadia 250 SOP no: IM-LAB-SOP-053
Serum	Tryptase	ImmunoCAP assay using the Phadia 250 SOP no: IM-LAB-SOP-021
	<u>Autoimmunity (ELIA)</u>	ELIA assay using the Phadia 250:
Serum	IgA and IgG Tissue Transglutaminase	SOP no: IM-LAB-SOP-044
Serum Serum Serum Serum	B2 Glycoprotein1 IgG Cardiolipin IgG dsDNA IgG ENA screen (Symphony) IgG	SOP no: IM-LAB-SOP-043
Serum	CCP IgG	SOP no: IM-LAB-SOP-043

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<u>Immunological examinations for the purpose of clinical diagnosis</u> (cont'd) Detection of the following:	In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
	Total protein	Protein quantitation by Colourimetry using the Horiba Pentra-400
Serum Urine	Total protein (Biuret) Total protein (Pyrogallol red)	SOP no: IM-LAB-SOP-074
Serum	Detection of the following: Monoclonal Immunoglobulins (Quantitation)	Capillary zone electrophoresis using the SEBIA Capillarys SOP no: IM-LAB-SOP-057
Urine	Monoclonal Immunoglobulins (Bence Jones proteins)	Protein Electrophoresis using the SEBIA Hydrasys SOP no: IM-LAB-SOP-016
Serum/Urine	Monoclonal Immunoglobulins (Identification by Immunofixation)	Protein immunofixation using the SEBIA Hydrasys SOP no: IM-LAB-SOP-016
Serum/Plasma	Cryoglobulin detection, measurement and identification	Protein Electrophoresis and Immunofixation using SEBIA Hydrasys in conjunction with in-house procedures SOP no: IM-LAB-SOP-045
	Detection of the following:	Isoelectric focusing (IEF) using in house procedures
Unknown Fluid	β2-transferrin (Tau)	SOP no: IM-LAB-SOP-081
Serum/CSF	IgG Oligoclonal bands	SOP no: IM-LAB-SOP-015
Serum	Alpha-1 Antitrypsin Phenotyping	SOP no: IM-LAB-SOP-020
Serum	C1 esterase inhibitor function	Chromogenic assay from Technochrom® kit measured on DS2 SOP no: IM-LAB-SOP-008

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	Immunological examinations for the purpose of clinical diagnosis (cont'd)	In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Serum	Acetylcholine receptor Antibodies	Radioimmunoassay (RIA) using Wallac Gamma Counter and Oxford Biosystems RIA kit SOP no: IM-LAB-SOP-031 Automated ELISA platform DS2
Serum	TSH receptor IgG (binding) Antibodies	Orgentec Kit SOP no: IM-LAB-SOP-049
Serum	IgG Haemophilus influenza type B Antibodies	The Binding Site Kit SOP no: IM-LAB-SOP-004
Serum	IgG Pneumococcal capsular polysaccharide Antibodies	The Binding Site Kit SOP no: IM-LAB-SOP-004
Serum	IgG Tetanus toxoid Antibodies	The Binding Site Kit SOP no: IM-LAB-SOP-004
Serum	GBM	Indirect immunofluorescence using manual method EuroIMMUN slide SOP no: IM-LAB-SOP-033
Serum	Detection of: α-1 antitrypsin β-2 microglobulin Complement C3 and C4 Haptoglobin Rheumatoid factor (RF) Sensitive IgA and sensitive IgM IgA, IgG, IgM	Siemens BNII system, by rate nephelometry IM-LAB-SOP-089
CSF	Albumin IgG	Siemens BNII system, by rate nephelometry IM-LAB-SOP-089

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	Immunological examinations for the purpose of clinical diagnosis (cont'd)	In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Plasma	Lymphocyte subsets determination (Lymph %, Lymph Abs, CD8%, CD8 Abs, CD4%, CD4 Abs, CD45 Abs, NK %, NK Abs, CD19%, CD19 Abs)	BD FACSCanto II clinical flow cytometry system IM-LAB-SOP-100
Plasma	Detection of RhD positive RBCs for estimation of FMH	BD FACSCanto II clinical flow cytometry system IM-LAB-SOP-082
END		