


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>9745</p> <p>Accredited to ISO 15189:2012</p>	<h3>St George's University Hospitals NHS Foundation Trust</h3> <p>Issue No: 005 Issue date: 02 April 2024</p>	
	<p>South West London Pathology (SWLP) Protein Reference Unit and Immunology Department Jenner Wing St George's Hospital Blackshaw Road Tooting London SW17 0QT</p>	<p>Contact: Laura Kirsopp Tel: +44 (0) 20 8266 6182 E-Mail: Laura.Kirsopp@stgeorges.nhs.uk Website: www.swlpath.nhs.uk www.stgeorges.nhs.uk</p>
<p>Testing performed at the above address only</p>		

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>	In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Serum/Plasma	Detection of the following: Total IgE	ImmunoCap assay using the Phadia 250 SOP no: IM-LAB-SOP-010
Serum/Plasma	<u>Specific IgE abs</u> c202, Suxamethonium c260, Morphine c7, Cefaclor c8, Chlorhexidine e213, Parrot feathers e215, Pigeon feathers e77, Budgerigar droppings e78, Budgerigar feathers e86, Duck feathers e87, Rat epithelium, serum and urine proteins f124, Spelt wheat f182, Lima bean f201, Pecan nut f202, Cashew nut f203, Pistachio f204, Trout f205, Herring f206, Mackerel f208, Lemon	ImmunoCap assay using the Phadia 250 SOP no: IM-LAB-SOP-010



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HUMAN BODY FLUIDS (cont'd)	<u>Immunological examinations for the purpose of clinical diagnosis</u> (cont'd)	In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Serum/Plasma (cont'd)	Detection of the following: (cont'd) <u>Specific IGE abs</u> (cont'd) f210, Pineapple f211, Blackberry f212, Mushroom (champignon) f213, Rabbit f215, Lettuce f216, Cabbage f224, Poppy seed f234, Vanilla f235, Lentil f237, Apricot f242, Cherry f244, Cucumber f247, Honey f253, Pine nut, pignoles f255, Plum f258, Squid f259, Grape f260, Broccoli f261, Asparagus f262, Aubergine, eggplant f263, Green pepper (unripe seed) f269, Basil f270, Ginger f271, Anise f273, Thyme f276, Fennel fresh f279, Chilipepper f280, Black pepper f283, Oregano f284, Turkey meat f287, Red kidney bean f288, Blueberry f289, Date f291, Cauliflower f299, Sweet chestnut f300, Goat milk f306, Lime f308, Sardine (Pilchard) f309, Chick pea	ImmunoCap assay using the Phadia 250 SOP no: IM-LAB-SOP-010



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum/Plasma (cont'd)</p>	<p><u>Immunological examinations for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Detection of the following: (cont'd)</p> <p><u>Specific IGE abs</u> (cont'd)</p> <p>f313, Anchovy f315, Green bean f316, Rape seed f317, Coriander f320, Crayfish f324, Hop f325, Sheep milk f328, Fig f329, Watermelon f335, Lupine seed f338, Scallop f342, Olive f343, Raspberry f345, Macadamia nut f413, Pollock f414, Tilapia f42, Haddock f439, rCor a 14, Hazelnut f440, nCor a 9, Hazelnut f78, nBos d 8, Milk f79, Gluten f80, Lobster f81, Cheese, cheddar type f84, Kiwi fruit f85, Celery f87, Melon f88, Mutton f89, Mustard f91, Mango f92, Banana f93, Cacao f94, Pear f95, Peach f96, Avocado i204, Horse fly i205, Bumble bee</p>	<p>In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):</p> <p>ImmunoCap assay using the Phadia 250 SOP no: IM-LAB-SOP-010</p>



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HUMAN BODY FLUIDS (cont'd) Serum/Plasma (cont'd)	<p><u>Immunological examinations for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Detection of the following: (cont'd)</p> <p><u>Specific IGE abs</u> (cont'd)</p> <p>i71, Mosquito k82, Latex k84, Sunflower seed m70, Pityrosporum orbiculare Rf220, Cinnamon Rf282, Nutmeg Rf341, Cranberry t206, Chestnut w203, Rape w206, Camomile Antigen Ge90, Budgerigar serum proteins Antigen Ge91, Pigeon serum proteins, fea Antigen Ge93, Pigeon serum proteins Antigen Gm22, Micropolyspora faeni Antigen Gm23, Thermoactinomyces vulgaris f219, Fennel seed f292, Guava f294, Passion fruit</p> <p>f319, Beetroot f322, Red currant f333, Linseed f347, Quinoa t223, Oil Palm w207, Lupin c1, Penicilloyl G c2, Penicilloyl V d1, House dust mite e1, Cat dander e3, Horse dander e4, Cow dander e5, Dog dander e6, Guinea pig epithelium</p>	<p>In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):</p> <p>ImmunoCAP assay using the Phadia 250 SOP no: IM-LAB-SOP-010</p>



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HUMAN BODY FLUIDS (cont'd) Serum/Plasma (cont'd)	<p><u>Immunological examinations for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Detection of the following: (cont'd)</p> <p><u>Specific IGE abs</u> (cont'd)</p> <p>e7, Pigeon droppings f1, Egg white f10, Sesame seed f11, Buckwheat f12, Pea f13, Peanut f14, Soybean f17, Hazel nut f18, Brazil nut f2, Milk f20, Almond f209, Grapefruit f23, Crab f24, Shrimp f25, Tomato f254, Plaice f256, Walnut f26, Pork f27, Beef f3, Fish (cod) f31, Carrot f33, Orange f33, Orange f35, Potato f36, Coconut f37, Blue mussel f4, Wheat f40, Tuna f41, Salmon f44, Strawberry f47, Garlic f49, Apple f5, Rye f54, Sweet potato f6, Barley f7, Oat f75, Egg yolk f8, Maize, Corn</p>	<p>In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):</p> <p>ImmunoCAP assay using the Phadia 250 SOP no: IM-LAB-SOP-010</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum/Plasma (cont'd)</p>	<p><u>Immunological examinations for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Detection of the following: (cont'd)</p> <p><u>Specific IGE abs</u> (cont'd)</p> <p>f83, Chicken f9, Rice g6, Timothy i1, Honey bee venom i3, Common wasp venom i4, Paper wasp venom i5, Yellow hornet venom i6, Cockroach, German m2, Cladosporium herbarum m3, Aspergillus fumigatus m5, Candida albicans m6, Alternaria alternata t16, White pine t17, Japanese cedar t3, Common silver birch t7, Oak w6, Mugwort w8, Dandelion f351, rPen a 1, Shrimp f352, rAra h 8, Peanut f353, rGly m 4, Soy f416, rTri a 19, Wheat f420, rPru p 3, Peach f422, rAra h 1, Peanut f423, rAra h 2, Peanut f424, rAra h 3, Peanut f425, rCor a 8, Hazel nut f427, rAra h 9 LTP, Peanut f428 rCor a 1 PR-10, Hazel nut i77, European paper wasp venom k202, nAna c 2, Pineapple k215, rHev b 1, Latex k217, rHev b 3, Latex k218, rHev b 5, Latex k220, rHev b 6.02, Latex t215, rBet v 1, Birch t216, rBet v 2, Birch ex70, Rodents ex71, Feathers</p>	<p>In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):</p> <p>ImmunoCAP assay using the Phadia 250 SOP no: IM-LAB-SOP-010</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Immunological examinations for the purpose of clinical diagnosis</u> (cont'd)	In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):
Serum/Plasma (cont'd)	Detection of the following: (cont'd) <u>Specific IGE abs</u> (cont'd) ex72, Cagebirds fx22, Nuts fx1, Food fx2, Food gx3, Grass pollen mx1, Moulds tx8, Tree pollen wx3, Weed pollen	ImmunoCAP assay using the Phadia 250 SOP no: IM-LAB-SOP-010
Serum/Plasma	<u>Specific IgG</u> Aspergillus IgG Avian Precipitins (Budgerigar & Pigeon serum proteins, feathers and droppings (combined) IgG) Thermophilic mould IgG (Thermoactinomyces vulgaris & Micropolyspora faeni IgG)	ImmunoCAP assay using the Phadia 250 SOP no: IM-LAB-SOP-053
Serum/Plasma	Tryptase	ImmunoCAP assay using the Phadia 250 SOP no: IM-LAB-SOP-021
Serum/Plasma	<u>Autoimmunity (ELIA)</u>	ELIA assay using the Phadia 250:
Serum/Plasma	IgA & IgG Tissue Transglutaminase	SOP no: IM-LAB-SOP-044
Serum/Plasma	B2 Glycoprotein1 IgG	SOP no: IM-LAB-SOP-043
Serum/Plasma	Cardiolipin IgG	
Serum/Plasma	dsDNA IgG	
Serum/Plasma	ENA screen (Symphony) IgG	
Serum/Plasma	GBM IgG	
Serum/Plasma	Myeloperoxidase IgG	
Serum/Plasma	Proteinase IgG	
Serum/Plasma	CCP IgG	see above (043)



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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):
CSF Serum/Plasma Serum/Plasma Serum/Plasma /CSF Serum/Plasma/Saliva Serum/Plasma Serum/Plasma Serum/Plasma/Pleural fluid Serum/Plasma Serum/Plasma	Albumin Transferrin Transthyretin	Immunochemistry: Protein quantitation by nephelometry using the Beckman Coulter Immage 800 SOP no: IM-LAB-SOP-013
Serum/Plasma Serum/Plasma/Urine Serum/Plasma Serum/Plasma Serum/Plasma	Alpha1 acid glycoprotein B2 microglobulin C1 esterase inhibitor IgG subclasses (inc.IgG1,2,3,4 and total IgG) Myoglobin Faecal alpha-1 antitrypsin	Protein quantitation by nephelometry using the Siemens Atellica SOP no: IM-LAB-SOP-006
Serum/Urine Faeces	Serum Free Light Chains	Protein quantitation by turbidimetry using the Binding Site OPTILITE SOP no: IM-LAB-SOP-040
Serum	Total protein	Protein quantitation by Colourimetry using the Horiba Pentra-400 SOP no: IM-LAB-SOP-074
Serum Urine	Serum total protein (Biuret) Urine total protein (Pyrogallol red)	



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Serum	I	
Serum	Detection of the following: Monoclonal Immunoglobulins (Quantitation)	Capillary zone electrophoresis using the SEBIA Capillarsy 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	CSF asialotransferrin (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	C1esterase inhibitor function	Chromogenic assay from Technochrom® kit measured on DS2 SOP no: IM-LAB-SOP-008



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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	RSR ELISAKit SOP no: IM-LAB-SOP-014
	Intrinsic Factor Antibodies	WERFEN Quanta-lite kit SOP no: IM-LAB-SOP_052
	PLA2R Antibodies	Euroimmun Kit SOP no: IM-LAB-SOP-079
	Anti-Scl70 Antibodies	Orgentec Kit SOP no: IM-LAB-SOP-049
	Anti-Jo1 Antibodies	Orgentec Kit SOP no: IM-LAB-SOP-049
	IgG Haemophilus influenza type B Antibodies	The Binding Site Kit SOP no: IM-LAB-SOP-004
	IgG Pneumococcal capsular polysaccharide Antibodies	The Binding Site Kit SOP no: IM-LAB-SOP-004
	IgG Tetanus toxoid Antibodies	The Binding Site Kit SOP no: IM-LAB-SOP-004



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum</p>	<p><u>Immunological examinations for the purpose of clinical diagnosis</u> (cont'd)</p> <p><u>Autoantibodies (IgG)</u></p> <p>Adrenal dsDNA (Crithidia) Endomysial (IgG and IgA) Gastric parietal cell Liver/Kidney Microsomal Mitochondrial Neutrophil Cytoplasmic (ANCA) Nuclear (HEp2) Ovary Skin Smooth muscle</p> <p>Glomerular basement membrane IgG</p>	<p>In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant):</p> <p>Indirect immunofluorescence Using Werfen QUANTALyser 3000</p> <p>SOP no: IM-LAB-SOP-019 SOP no: IM-LAB-SOP-0069 SOP no: IM-LAB-SOP-033</p> <p>Indirect immunofluorescence – Manual method SOP no: IM-LAB-SOP-033</p>
END		