


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|---|--|--|
|  <p>UKAS MEDICAL 9745</p> <p>Accredited to ISO 15189:2012</p> | <h3>St George's University Hospitals NHS Foundation Trust</h3> <p>Issue No: 002 Issue date: 30 May 2019</p> | |
| | <p>South West London Pathology (SWLP) PRU and Immunology Department Jenner Wing St George's Hospital Blackshaw Road Tooting London SW17 0QT</p> | <p>Contact: Dr Joanna Sheldon Tel: +44 (0) 20 8725 0025 Fax: +44 (0) 20 8725 0025 E-Mail: jsheldon@sgul.ac.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 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 (cont'd)</u> | In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant): |
| Serum/Plasma (cont'd) | <u>Detection of the following: (cont'd)</u> <u>Specific IGE abs (cont'd)</u> 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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| HUMAN BODY FLUIDS (cont'd) Serum/Plasma (cont'd) | <p><u>Immunological examinations for the purpose of clinical diagnosis (cont'd)</u></p> <p>Detection of the following: (cont'd)</p> <p><u>Specific IGE abs (cont'd)</u></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) | <u>Immunological examinations for the purpose of clinical diagnosis (cont'd)</u> | 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 (cont'd)</u> 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 f318, Jack fruit 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 | ImmunoCAP assay using the Phadia 250 SOP no: IM-LAB-SOP-010 |



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| HUMAN BODY FLUIDS (cont'd) Serum/Plasma (cont'd) | <p><u>Immunological examinations for the purpose of clinical diagnosis (cont'd)</u></p> <p>Detection of the following: (cont'd)</p> <p><u>Specific IGE abs (cont'd)</u></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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| HUMAN BODY FLUIDS (cont'd) Serum/Plasma (cont'd) | <p><u>Immunological examinations for the purpose of clinical diagnosis (cont'd)</u></p> <p>Detection of the following: (cont'd)</p> <p><u>Specific IGE abs (cont'd)</u></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 (cont'd)</u> | 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 (cont'd)</u> 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) Thyroid peroxidase 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> IgA & IgG Tissue Transglutaminase | ELIA assay using the Phadia 250: 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 | SOP no: IM-LAB-SOP-022 |



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| HUMAN BODY FLUIDS (cont'd) | <u>Immunological examinations for the purpose of clinical diagnosis (cont'd)</u> | In house procedures in conjunction with manufacturer's instructions for the following methods (where relevant): |
| Urine/CSF | Detection of the following: | Immunochemistry: |
| Serum/Plasma | Albumin | Protein quantitation by nephelometry using the Beckman Coulter Immage 8000 |
| Serum/Plasma | Alpha1 antitrypsin | SOP no: IM-LAB-SOP-013 |
| Serum/Plasma | Caeruloplasmin | |
| Serum/Plasma/Urine/CSF | C3 and C4 | |
| Serum/Plasma/Saliva | IgG | |
| Serum/Plasma | IgA | |
| Serum/Plasma | IgM | |
| Serum/Plasma | Haptoglobin | |
| Serum/Plasma/Pleural fluid | Rheumatoid Factor | |
| Serum/Plasma | Transferrin | |
| Serum/Plasma | Transthyretin | |
| Serum/Plasma | Alpha1 acid glycoprotein | Protein quantitation by nephelometry using the Siemens Atellica |
| Serum/Plasma/Urine | B2 microglobulin | SOP no: IM-LAB-SOP-037 |
| Serum/Plasma | C1 esterase inhibitor | SOP no: IM-LAB-SOP-034 |
| Serum/Plasma | C reactive protein | SOP no: IM-LAB-SOP-029 |
| Serum/Plasma | IgG subclasses (inc.IgG1,2,3,4 and total IgG) | SOP no: IM-LAB-SOP-055 |
| Serum/Urine | Myoglobin | SOP no: IM-LAB-SOP-056 |
| Serum | Serum Free Light Chains | SOP no: IM-LAB-SOP-037 |
| Faeces | Faecal alpha1 antitrypsin | Protein quantitation by turbidimetry using the Binding Site SPA |
| | | SOP no: IM-LAB-SOP-040 |
| | Total protein | Protein quantitation by Turbidimetry using the Cobas MIRA |
| Serum | Serum total protein (Biuret) | SOP no: IM-LAB-SOP-048 |
| Urine | Urine total protein (Pyrogallol red) | Protein quantitation by Colourimetry using the Cobas MIRA |
| | | SOP no: IM-LAB-SOP-012 |
| | | SOP no: IM-LAB-SOP-046 |



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| Serum | IgD | Immunodiffusion using the Binding Site RID plates SOP no: IM-LAB-SOP-007 |
| 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 and Immunoblot using Helena SAS in conjunction with in-house procedures SOP no: IM-LAB-SOP-045 |
| Unknown Fluid | Detection of the following: CSF asialotransferrin (Tau) | Isoelectric focusing (IEF) using in house procedures SOP no: IM-LAB-SOP-017 |
| 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 Dynex spectrophotometer 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 |
| Serum | TSH receptor IgG (binding) Antibodies | Radioimmunoassay (RIA) using Wallac Gamma Counter and RSR coated tube IRMA kit SOP no: IM-LAB-SOP-012 |
| Serum | <u>Autoantibodies (IgG)</u> Adrenal dsDNA (Crithidia) Endomysial (and IgA) Gastric parietal cell Glomerular basement membrane Islet cell IgG Liver/Kidney Microsomal Mitochondrial Neutrophil Cytoplasmic (ANCA) Neuronal Nuclear (HEp2) Ovary Skeletal muscle Skin Smooth muscle Testis | Indirect immunofluorescence Using Werfen ASP / QUANTA Lyser 240 SOP no: IM-LAB-SOP-019 SOP no: IM-LAB-SOP-042 SOP no: IM-LAB-SOP-033 |
| END | | |