


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> MEDICAL</p> <p>8494</p> <p>Accredited to ISO 15189:2012</p>	<p><b>Sheffield NHS Teaching Hospitals NHS Foundation Trust</b></p> <p>Issue No: 005    Issue date: 27 July 2021</p>	
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<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<p><u>Immunology examination activities for the purpose of clinical diagnosis</u></p> <p>Quantification of the following:</p>	<p>In-house documented procedures based on equipment manuals as relevant</p>
Serum, plasma	<p>Caeruloplasmin Transferrin Carbohydrate deficient transferrin Transthyretin (Pre-albumin) Apolipoprotein A&amp;B Alpha 2 macroglobulin Alpha 1 acid glycoprotein Haptoglobin Haemopexin</p>	<p>Siemens Atellica Neph 630 analyser using nephelometry SOPs GI111A, GI111B, GI111C, GI111D and GI111E</p> <p>Siemens reagent SOP GI70 Siemens reagent SOP GI16 Siemens reagent SOP GI66 Siemens reagent SOP GI17 Siemens reagent SOP GI77 Siemens reagent SOP GI04 Siemens reagent SOP GI02 Siemens reagent SOP GI11 Siemens reagent SOP GI11</p>
Urine Serum, plasma, urine	<p>Serum amyloid A Sensitive CRP (hs CRP) Alpha 1 microglobulin Retinol binding protein</p> <p>Quantification of the following:</p>	<p>Siemens reagent SOP GI20 Siemens reagent SOP GI64 Siemens reagent SOP GI18 Siemens reagent SOP GI15</p> <p>Roche Cobas 8000 (501, 502, 702) using immunoturbidimetry and electrochemiluminescence SOPs TM42, CCNAUTO104 and CCNIT018</p>



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Serum, plasma  Serum, plasma, urine Serum, plasma, urine CSF Urine	IgG, IgA, IgM A1 antitrypsin Complement C3, C4, C1 inhibitor Rheumatoid factor B2 microglobulin Myoglobin CSF IgG and albumin Protein selectivity ratio	Roche reagent Roche reagent Roche reagent In house method Roche reagent Roche reagent Roche reagent Roche reagent



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant Documented in-house methods to meet the requirements of the Fetal Anomaly Screening Programme as defined in the July 2018 version of "Fetal Anomaly Screening Programme: laboratory QA evidence requirements" * Roche Cobas 8000 using immunoturbidometry and electrochemiluminescence SOP TM42, CCNAUTO104 and CCNIT018
Serum, plasma	Quantification of the following: (cont'd)  PAPPA, free bHCG (first trimester Down's screening) * IL-6 Procalcitonin Thyroglobulin Anti-thyroglobulin Thyroid peroxidase antibody PSA, free PSA CYFRA 21-1 AFP CA125 CA15-3 CA19-9 NSE CEA	Roche reagent  Roche reagent Roche reagent Roche reagent Roche reagent Roche reagent Roche reagent Roche reagent Roche reagent Roche reagent Roche reagent Roche reagent Roche reagent Roche reagent Roche reagent
Serum, plasma, pancreatic cyst fluid	Quantification of the following:	Beckman Access 2 chemiluminescent immunoassay SOP TM44
Serum	UE3, AFP, total bHCG, Inhibin A (second trimester Down's screening) * Inhibin A tumour marker	Beckman reagent  Beckman reagent
Amniotic fluid	Amniotic fluid AFP	Beckman reagent
Urine	Immunogenic gluten peptides	Lateral flow Immunoassay Ivycheck SOP GI110



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Serum, plasma	Quantification of the following:  Ig Free light chains IgG subclasses	The Binding Site Optilite using Immunoturbidimetry SOP GI101A, GI101B, GI101C and GI101D  Binding Site reagent GI101E Binding Site reagent GI101F
Faeces	Quantitative automated method for measuring faecal haemoglobin concentration	Faecal Immunochemical Test (FIT) using latex-enhanced immunoturbidimetry on the OC-Sensor Pledia SOP GI109



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant
Serum	Qualitative detection of the following: C1Q C2 C5, C6, C7, C8 and C9 C3d	Radial Immunodiffusion  The Binding Site kit SOP G150 The Binding Site kit SOP G149 The Binding Site kit SOP G151 In house method SOP G153
Serum, plasma	Quantitative detection of the following:  Cryoglobulin	Visual detection and confirmatory identification using immunofixation  In house method SOP G121 Equipment used: refrigerated centrifuge; 37c incubator; 4c fridge Helena SAS3 electrophoresis platform.
Serum, plasma	Quantification of the following:  IgD Placental alkaline phosphatase HIB antibodies MAG antibodies Ganglioside GM1 IgG and IgM IA2 antibodies Infliximab drug level Anti-Infliximab drug antibodies ZnT8 antibodies Anti Adalimumab drug antibodies Anti Adalimumab drug level Methyl Histamine Aminotic fluid acetyl cholinesterase	Manual ELISA  In house method SOP G160 Innogenetics kit SOP TM09 In house method SOP A166 Buhlmann kit SOP A138 Buhlmann kit SOP A140 Euroimmun kit SOP A170 Immundiagnostik kit SOP A185 Immundiagnostik kit SOP A186 Medizym SOP A188 Immundiagnostik kit SOP A189 Immundiagnostik kit SOP A190 DLD Diagnostika kit SOP AL31 In house method SOP TM13
Urine Amniotic fluid		
EDTA whole blood	Bradykinin	Peninsula Laboratories kit SOP G1100
Urine	Prostaglandin D2 Prostaglandin DM Prostaglandin F2 alpha	Cayman Chemical kit SOP AL33C Cayman Chemical kit SOP AL35C Cayman Chemical kit SOP AL34C
Serum, plasma	Quantification of the following: Chromogranin A Calcitonin P3NP	Radio Immunoassay Eurodiagnostica kit SOP TM14 Oxford Biosystems kit SOP TM15 Orion kit AL12



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Serum, plasma	Quantification of the following:  AFP fucosylation index	In-house separation technique using lectin column chromatography and commercial Immunoassay  In house method and Roche reagent SOP TM07 In house method –introduction of serum sample to a lectin column, which allows binding of allotypes of AFP. Comparison of AFP (pg2) value of the eluate with total AFP gives the fucosylation index SOP TM07
Serum, plasma	Quantification of the following:  Anti C1Q antibodies GAD 65 antibodies Histone antibody	Automated ELISA using Triturus analyser SOP AI41 Buhlmann kit AI55 RSR Ltd kit AI39 Organtec kit AI14
	Total Pneumococcal antibody Tetanus antibody Quantiferon Phospholipase A2 receptor antibody (PLA2R) Inhibin B Mannose binding lectin Infliximab drug levels IgA Tissue Transglutaminase 6 (TG6) antibodies	In house method AI44 In house method AI43 Quagen kit AI68 Euroimmun kit AI78
Serum only	Human anti-mouse antibodies	Beckman TM31 Bioporto GI48 Immundiagnostik kit SOP AI85 Zedira® SOP AI100
	Quantification of the following:	EDI kit AI83
Serum, plasma	Acetylcholine receptor antibodies Voltage gated potassium channel (VGKC) antibodies	Radio Immunoassay  RSR Ltd kit SOP TM21 RSR SOP AI97
	Quantification of the following:	Time resolved amplified Cryptate emission using Brahms Kryptor analyser
Serum, plasma	Quantification of thyroid (TSH) receptor antibody	Brahms kit SOP AI81A and AI81B



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Serum, plasma	Quantification of the following:  ALEX IgE (version: ALEX2)	Component resolved diagnostics on immuno solid phase allergen chip microarray.  ALEX Allergen Chip MADX Microarray Diagnostics SOP AL37 Phadia Kit SOP AL30.
Serum, plasma	ISAC (version: ImmunoCAP ISAC® slgE 112i)	
Serum, plasma	Quantification of the following:  Candida albicans precipitin antibodies	Ouchterlony double diffusion  Immuno-Mycologics Inc kit SOP AL20
Serum, plasma	Detection of the following:  HEP2 antigen Neuronal antigen Liver antigen ENA type Myositis antigen	Immunoblot method using Blotmaster  Euroimmun kit SOP AI50 Euroimmun kit SOP AI64 Euroimmun kit SOP AI63 Euroimmun kit SOP AI54 Euroimmun kit SOP AI61
Serum plasma	Detection of the following:  Anti-nuclear antibodies (Hep2000) Endomysial antibodies ANCA LKS antibodies (ANA, GPC, AMA, SMA, LKM) Crithidia (dsDNA antibodies) Salivary gland antibody Islet cell antibody Neuronal antibodies Steroidal cell antibodies (Adrenal, ovarian, testis) Enterocyte and goblet cell antibody Myelin sheath antibody Skin antibody (basement membrane and desmosome)	Indirect immunofluorescence using ASP and HELMED automated processors. SOPs AI67 and AI71  Immunoconcepts SOP AI13 Inova SOP AI15 Inova SOP AI01 Inova SOP AI10  Immunoconcepts SOP AI30 Inova SOP AI35 Inova SOP AI16 Inova SOP AI06 Inova SOP AI31  Euroimmun SOP AI32 Inova SOP AI69 Inova SOP AI25



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>  Detection of the following:	In-house documented procedures based on equipment manuals as relevant  Manual indirect immunofluorescence
Serum, plasma, CSF	Encephalitis screen (NMDAR, AMPA1, AMPA2, CASPR2, LG11 and GABA receptor antibodies)	Euroimmun SOP AI98
Serum, plasma, CSF	N-methyl D-aspartate receptors (NMDA) antibodies	Euroimmun SOP AI96
Serum, plasma	Parathyroid antibody	Euroimmun SOP AI18
	Pituitary antibody	Euroimmun SOP AI75
	Endothelial cell antibody	Euroimmun SOP AI74
	Collagen type II antibody	Euroimmun SOP AI29
	Muscle antibody (skeletal and cardiac muscle)	Euroimmun SOP AI34
	Split skin antibody	Euroimmun SOP AI87
Serum, plasma	Thrombospondin Ab (THSD7A)	Euroimmun SOP(AI92)
	Anti-Myelin Oligodendrocyte Glycoprotein Antibodies (MOG antibodies)	Euroimmun SOP AI99
Serum, plasma	BP180, BP230, Desmoglein 1 and Desmoglein 3 skin antibodies	Euroimmun SOP AI87
	Detection of the following:	Direct immunofluorescence
Renal biopsy	Renal biopsy (native or transplant) examination using various stains as required (IgG, IgA, IgM, fibrinogen, AmyP, C3, C4, C1q, C4d, kappa, lambda, CD3, CD4, CD8, CD11c, CD19)	In house method SOP AI58
EDTA Whole blood	Determination of HLA B27 Alleles	PCR-based Microarray using EUROArray reader and EUROimmun kit SOP GI107
EDTA Whole blood	Determination of HLA-DQ2/DQ8 Alleles	PCR-based Microarray using EUROArray reader and EUROimmun kit SOP GI108
	Detection of the following:	ELIA using Immunocap 250 SOP AL25
Serum, plasma	Glomerular basement membrane antibodies (GBM)	Phadia SOP AI12
	Myeloperoxidase antibodies (MPO)	Phadia SOP AI03
	Proteinase 3 antibodies (PR3)	Phadia SOP AI03







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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant
Serum, plasma	Detection of the following:  Total IgE Specific IgE	FEIA using Immunocap 2500 automated analyser and SOPs AL32A, AL32B, AL32C  Phadia Phadia
Serum, nasal lavage	Eosinophil Cationic Protein (ECP)	Phadia SOP AL24 (nasal lavage)
Purified lymphocytes (whole blood)	Detection of the following:  Lymphocyte proliferation (PHA, OKT3, HSV, PMA/calcium, ionophore, Candida, PWM, ConA)	Radio isotope method  In house method SOP IE04
Whole Blood, Serum, DNA	Genotyping of the following:  Alpha 1 antitrypsin (AAT) genotype  C4 genotype and copy numbers	PCR using BioTek Thermo-cycler  Endpoint PCR using Elucigene kit SOP IE01  Real Time PCR using in house method SOP IE06
Serum	Detection of the following:  Alpha 1 antitrypsin (AAT) phenotype	Manual electrophoresis using Iso-electric focussing  In house method SOP GI78
Serum and CSF	CSF IgG oligoclonal bands	Helena kit SOP GI36
Serum	Assessment of functional complement activity:  CH50  AP50  C1 Inhibitor	Wako colorimetric assay SOP GI92.  The Binding Site red cell lysis kit SOP GI54.  Technopath spectrophotometric assay SOP GI07



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Whole Blood	Detection of the following:	Flow cytometry using Beckman Coulter FC500 SOPs FL010 and FL011
	Dihydrorhodamine (DHR) neutrophil function	In house method SOP FL01
	Toll like receptor (TLR4 and TLR7/8) function CD62 ligand shedding.	In house method SOP FL04
	Primary immunodeficiency panel including: Lymphocyte subsets (CD3, CD4,CD8,CD19, CD56+CD16) MHC class I and II expression CD18 Kappa/Lambda expression TCR a/b on double negative T cells	In house method SOP FL07
	Memory B cell subsets including naïve T cell analysis (CD19,CD27,IgD,CD38,CD21,CD3, CD62L,CD45RA) Basophil activation test (CD63, CCR3)	In house method SOP FL05 Buhlmann SOP FL08
	Dendritic cell and monocyte panel- DCML (CD14, CD123, Myeloid lineage cocktail) CD40/CD40L expression	In house method SOP FL09 In house method SOP FL06
	Detection of the following:	Capillary zone and immunodisplacement electrophoresis with Helena Biosciences V8 SOPs GI81, GI86 and GI87
Serum	Serum protein electrophoresis (CZE)	Helena GI80 GI89 and GI90
Urine	Urine protein electrophoresis	Helena GI84
Nasal/ear secretion	CSF tau protein (Beta 2 transferrin)	In house method GI91
Serum	C3 nephritic factor	In house method GI82



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HUMAN BODY FLUIDS (cont'd)	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Detection of the following:</p> <p>Specific IgE (various allergens – see separate list)</p> <p>Drugs: Acetyl Salicylic Acid (Salicylate) (Aspirin) Adrenocorticotrophic Hormone (ACTH) Aminoglycosidase Mix Amoxicilloyl (Amoxicillin) Ampicilloyl Atropine Carbamezepine Cefaclor Cefuroxime Cephalexin Cephalosporin Chlorhexidine Chymopapain (Papain) Ciprofloxazin Clavulanic Acid</p> <p>Codeine / Codine Diclofenac Doxycycline Erythromycin Gelatin (Bovine) Gentamicin Glutamic Acid Ibuprofen Indomethacin Insulin (Bovine) Insulin (Human) (Specific IgE or Specific IgG) Insulin (Porcine) Iodine Lactose</p>	<p>In-house documented procedures based on equipment manuals as relevant</p> <p>FEIA/Enzyme immunoassay using Phadia250, 2500/ Hycor analyser</p> <p>Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01</p>
Serum, plasma		



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Specific IgE (cont'd)	
	Drugs: (cont'd)	
	Lignocaine	
	Macrolid Mix	
	Metronidazol	
	Morphine (Quaternary Ammonium compounds)	
	Penicilloyl G (Benzyl penicillin)	
	Penicilloyl V (Phenoxymethylpenicillin)	
	Phenacetin (Paracetamol)	
	Pholcodine	
	Prednisolone	
	Pyrazolon	
	Saccharin	
	Silver Chloride	
	Streptomycin	
	Sulfamethoxazol	
	Suxamethonium	
	Tartrazine	
	Tetracycline	
	Thiopentone	
	Trimethoprim	
	Theophyline	
	Propyphenazone	
	Ketoprofen	
	Phenylbutazone	
	Ammonium persulphate	
	Phenol	
	Talcum	
	Toluene	
	Titanium Chloride	
	Tin (-2-chloride)	
	Benzoic Acid	
	Quinoline Yellow	
	Methylene blue	
	Sodium nitrate	
	Methylparaben	
	Vitamin B12	
	Haemophilus influenza	
	Tetanus	
	Mesocaine	



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	<p>Mites: Acarus siro Blomia tropicalis (Tropical dust mite) Euroglyphus maynei Glycyphagus domesticus House Dust Mite (Dermatophagoides farinae) House Dust Mite (Dermatophagoides microceras) House Dust Mite (Dermatophagoides pteronyssinus) Lepidoglyphus destructor rDer p 23 house dust mite</p>	



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	<p>Detection of the following: (cont'd)</p> <p>Specific IgE (various allergens – see separate list) (cont'd)</p> <p>Mites: (cont'd)            nDer p 1 House Dust Mite            rDer p 10 Tropomyosin, House dust mite            rDer p 2 House Dust Mite            Tyrophagus putrescentiae</p> <p>Birds and Animals:            Animal dander mix (Cat E1, horse E3, cow E4, dog E5)            Budgerigar droppings            Budgerigar feathers            Caged Bird Feather mix (Budgerigar E78, Canary E201, Parakeet, Parrot E213, Finch Re214)            Canary bird Droppings            Canary bird serum            Canary feathers            Cat dander            Cattle serum            Chicken droppings            Chicken feathers            Chicken, serum proteins            Chinchilla            Cow            Deer            Dog dander            Duck feathers            Feather mix (Goose E70, Chicken E85, Duck E86, Turkey E89)            Ferret (Putorius putorius)</p>	<p>FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser</p> <p>Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01</p>







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HUMAN BODY FLUIDS cont'd	<u>Immunology examination activities for the purpose of clinical diagnosis</u> cont'd	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ Hycor analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Birds and animals (cont'd)	
	Rabbit, urine proteins	
	Rat (Epithelium, serum & urine proteins)	
	Rat Droppings	
	Rat epithelium	
	Rat serum proteins	
	Rat urine proteins	
	rCan f 1 Dog	
	rCan f 2 Dog	
	rCan f 5 Dog (plus rCan 1,2,3)	
	Reindeer epithelium	
	rEqu c 1 Horse	
	rFel d 1 Cat	
	rFel d 4 Cat	
	Rodent epithelium mix (Guinea pig epithelium E6, Rabbit epithelium E82, Hamster epithelium E84, Rat E87, Mouse E88)	
	Sheep epithelium	
	Turkey feathers	
	Dog epithelium	
	Hare	
	Human hair	
	Chicken serum	
	Camel	
	Budgerigar serum	
	Mouse Droppings	
	Goose Droppings	
	Parrot droppings	



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	Food:  Abalone (Sea snail) Almond Alpha-Gal (Galactose-alpha-1,3-Galactose) Anchovy Anise (Aniseed) Apple Apricot Ara h 6, Peanut 2S albumin Ara h 7, Peanut 2S albumin Artichoke Asparagus Aubergine, eggplant, bringel Avocado Bamboo shoot	



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum, plasma (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Detection of the following: (cont'd)</p> <p>Specific IgE allergens (cont'd):</p> <p>Food: (cont'd)</p> <p>Banana Barley Basil Bay leaf Beef Beetroot Black pepper Blackberry Blackcurrant Blue mussel Blue vetch Blueberry Bran Brazil nut Brewer's Yeast Broccoli Brussel sprouts Buckwheat Butter Cabbage Cacao (Chocolate or Cocoa) Cane Sugar Carambola (Star fruit) Caraway Cardamon Carob (E410) Carrot Cashew nut Castor bean Catfish Cauliflower Cayenne Pepper Celery</p>	<p>In-house documented procedures based on equipment manuals as relevant</p> <p>FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser</p> <p>Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01</p>



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HUMAN BODY FLUIDS cont'd	<u>Immunology examination activities for the purpose of clinical diagnosis cont'd</u>	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	<p>Detection of the following: (cont'd)</p> <p>Specific IgE allergens (cont'd):</p> <p>Food: (cont'd)</p> <p>Cereal mix (Wheat F4, Oat F7, Maize F8, Sesame seed F10, Buckwheat F11)</p> <p>Cheddar Cheese</p> <p>Cheese (Swiss)</p> <p>Cherry</p> <p>Chestnut (sweet chestnut, water chestnut)</p> <p>Chick pea</p> <p>Chicken</p> <p>Children's Food mix (Egg White F1, Milk F2, Fish F3, Wheat F4, Peanut F13, Soybean F14)</p> <p>Chilli pepper</p> <p>Chub mackerel</p> <p>Cinnamon</p> <p>Citrus fruit mix (Orange F33, Lemon F208, Grapefruit F209, Tangerine F302)</p> <p>Clam</p> <p>Clove</p> <p>Cochineal extract (carmine red, E120)</p> <p>Coconut</p> <p>Coffee</p> <p>Common millet</p> <p>Cor a 14 (Hazelnut storage protein, 2S albumin)</p> <p>Cor a 9 (Hazelnut storage protein, 11S globulin)</p> <p>Coriander</p> <p>Corn (Maize)</p> <p>Corn (vegetable)</p> <p>Cow's Milk</p> <p>Crab</p> <p>Cranberry</p>	<p>FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser</p> <p>Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Food: (cont'd)	
	Crayfish	
	Cucumber	
	Cumin	
	Curry (Santa Maria)	
	Date	
	Dill	
	Duck	
	Edam Cheese	
	Eel	
	Egg	
	Egg white	
	Egg yolk	
	Elk/Moose meat	
	Fennel (fresh)	
	Fennel seed	
	Fenugreek	
	Fig	
	Fish Cod	
	Fish mix (Cod F3, Herring F205, Mackerel F206, Plaice F254)	
	Food mix (Cod F3, Wheat F4, Soybean F14, Hazel nut F17)	
	Food mix (Egg White F1, Milk F2, Peanut F13, Mustard F89)	
	Food mix (Hazel nut F17, Shrimp, F24, Kiwi F84, Banana F92)	
	Food mix (Lentil F235, Pea F12, White Bean F15, Carob RF296)	
	Food mix (Sesame seed F10, Shrimp F24, Beef F27, Kiwi F84)	
	Food mix (Sesame seed F10, Yeast F45, Garlic F47, Celery F85)	
	Foxtail millet	
	Fruit and nut mix (Almond F20, Kiwi F84, Melon F87, Banana F92, Grape F259)	



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> cont'd	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)  Specific IgE allergens (cont'd):  Food: (cont'd)  Fruit and Nut mix (Hazel nut F17, Brazil nut F18, Orange F33, Apple F49, Cacao F93) Fruit mix (Apple F49, Banana F92, Pear F94, Peach F95) Fruit mix (Apple F49, Pear F94, Peach, F95, Cherry F242, Plum F255) Fruit mix (Kiwi F84, Mango F91, Banana F92, Avocado F96, Papaya F293) Fruit mix (Kiwi Fruit F84, Melon F87, Banana F92, Peach F95, Pineapple F210) Fruit mix (Orange F33, Apple F49, Banana F92, Peach F95) Fruit mix (Strawberry F44, Pear F94, Lemon f208, Pineapple f210) Garlic Ginger Gliadin Gluten Goat milk Goat's Cheese Grain mix (Wheat F4, Rye F5, Barley F6, Rice F9) Grape Grapefruit Green bean (pod, mangtout) Green coffee bean Green pepper Green pepper corn (unripe seed), Piper nigrum Grouper Guar, guar gum (E412)	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser  Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)  Specific IgE allergens (cont'd):  Food: (cont'd)  Guava Gulf Flounder Gum arabic (E414) Haddock Hake Halibut Hazel nut Herb mix (Tarragon F272, Marjoram F274, Thyme F273, Lovage F275) Herring Honey Hop or hops (fruit cone). Horse meat Jack fruit Jack mackerel, Scad Japanese millet Jujube (Chinese date, red date, annab) Kiwi fruit Langoustine (scampi, spiny lobster) Leek Lemon Lentil Lettuce Lima Bean Lime Linseed Lobster Lovage Lupin seed (Lupin flour) Lychee/litchi Macadamia nut Mace Mackerel Mal d 1, Apple PR10 Malt	FEIA/Enzyme immunoassay using Phadia250, 2500/ Hycor analyser  Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)  Specific IgE allergens (cont'd):  Food: (cont'd)  Mandarin (clementine, tangerine, satsuma) Mango Fruit Mare's milk Marjoram Meat and Egg mix (Pork, Beef, egg yolk, Chicken, Turkey) Meat mix (Pork, Beef, Chicken) Meat mix (Pork, Beef, Chicken meat, Turkey meat) Megrin Melon Milk, boiled Mint / Peppermint herbs Mother's Milk Mould Cheese Mushroom (champignon) Mustard Mutton (Lamb) nBos d 4 alpha lactalbumin, Milk nBos d 5 beta lactoglobulin, Milk nBos d 8 Casein, Milk Nectarine nGal d 1 Ovomuroid, Egg nGal d 2 Ovalbumin, Egg nGal d 3 Conalbumin, Egg nGly m 5 beta-conglycinin Soya nGly m 6 Glycinin Soya Nut mix (Peanut F13, Hazel F17, Brazil F18, Almond F20, Coconut F36) Nut mix (Pecan F201, Cashew F202, Pistachio F203, Walnut F256) Oat Octopus	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser  Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01





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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum, plasma (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Detection of the following: (cont'd)</p> <p>Specific IgE allergens (cont'd):</p> <p>Food: (cont'd)</p> <p>Olive (black, fresh)</p> <p>Onion</p> <p>Orange</p> <p>Orange Roughy</p> <p>Oregano</p> <p>Oyster</p> <p>Oyster Mushroom</p> <p>Pacific squid</p> <p>Papaya</p> <p>Paprika/Sweet pepper</p> <p>Parmesan Cheese</p> <p>Parsley</p> <p>Passion fruit</p> <p>Pea</p> <p>Peach</p> <p>Peanut</p> <p>Pear</p> <p>Pecan nut</p> <p>Persimmon (kaki fruit, sharon)</p> <p>Pine nut, pignoles</p> <p>Pineapple</p> <p>Pinto Bean</p> <p>Pistachio</p> <p>Plaice</p> <p>Plum</p> <p>Pollock</p> <p>Poppy seed</p> <p>Pork</p> <p>Potato</p> <p>Pumpkin</p> <p>Pumpkin seed</p> <p>Quinoa</p> <p>Rabbit meat</p> <p>rAct d 8 PR-10, kiwi</p> <p>Raisin</p>	<p>In-house documented procedures based on equipment manuals as relevant</p> <p>FEIA/Enzyme immunoassay using Phadia250, 2500/ Hycor analyser</p> <p>Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Food: (cont'd)	
	rAna o 3, Cashew nut	
	Rape seed (whole seed)	
	rApi g 1.01 PR-10, celery	
	rAra h 1 peanut	
	rAra h 2 peanut	
	rAra h 3 peanut	
	rAra h 9 LTP, Peanut	
	rAra h8 PR-10, peanut	
	Raspberry	
	rBer e1, Brazil nut	
	rCor a 1 PR-10, Hazel nut	
	rCor a 8 LTP, hazel nut	
	rCyp c1, Carp	
	Red currant	
	Red kidney bean	
	Red Snapper	
	rGad c 1 Cod	
	rGly m 4 PR-10, Soy	
	Rhubarb	
	Rice	
	rJug r 1, Walnut	
	rJug r 3, Walnut	
	rMal d 3, Apple (LTP)	
	Rose hip	
	Rosemary	
	rPen a 1 Tropomyosin, shrimp	
	rPru p 1 PR-10, peach	
	rPru p 3 LTP peach	
	rPru p 4 Profilin, peach	
	rTri a 19 Omega-5 Gliadin, wheat	
	Rye	
	Saffron	
	Sage	
	Salmon	
	Sardine (Pilchard)	
	Sardine, Japanese Pilchard	



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Food: (cont'd)	
	Scallop	
	Seafood mix (Cod F3, Shrimp F24, Blue mussel F37, Tuna F40, Salmon F41)	
	Sesame seed	
	Sheep milk	
	Shrimp/prawn	
	Snail	
	Sole	
	Soya (Soybean)	
	Spelt Wheat	
	Spice mix (Basil F269, Fennel seed F219, Ginger F270, Anise F271)	
	Spice mix (Caraway F265, Mace F266, Cardamon F267, Clove F268)	
	Spinach	
	Squid	
	Strawberry	
	Sugar-beet seed	
	Sunflower seed	
	Sweet potato	
	Swordfish	
	Tarragon	
	Tea	
	Thyme	
	Tilapia	
	Tomato	
	Tragacanth (E413)	
	Tri a 14 (wheat LTP)	
	Trout	
	Tuna	
	Turkey meat	
	Turmeric	
	Vanilla	



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> cont'd	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Food: (cont'd)	
	Vegetable and Grain mix (Rye F5, Rice F9, Potato F35, Mushroom F212, Pumpkin F225)	
	Vegetable mix (Carrot F31, Potato F35, Spinach F214, Cucumber F244)	
	Vegetable mix (Maize F8, Pea F12, White Bean F15, Carrot F31, Potato F35)	
	Vegetable mix (Pea F12, Peanut F13, Soya bean F14)	
	Vegetable mix (Pea F12, White Bean F15, Carrot F31, Potato F35)	
	Vegetable mix (Tomato F25, Spinach F214, Cabbage F216, Paprika F218)	
	Vegetable mix (Tomato F25, Yeast F45, Garlic F47, Onion F48, Celery F85)	
	Walleye Pike	
	Walnut	
	Watermelon	
	Wheat	
	Whey (cow)	
	Whey (sheep)	
	White bean (haricot)	
	White Fish (Inconnu)	
	Wine (Red)	
	Wine (White)	
	Wine Vinegar	
	Yeast	
	Yoghurt	
	Zucchini or courgette	
	Cantaloupe melon	
	Giant radish (Mooli, Daikon)	
	Pickled cabbage	



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	Radish Venison Cheese, American (defatted) Black-eyed pea Red Beet Veal Kohlrabi Unpasteurised milk (Untreated native milk) Soy milk (Soya milk) Safflower seed Gouda cheese Nutmeg Pepper (white) Carp Wine Yeast Chive Chicory (endive) Karaya gum Horseradish Maple syrup Okra (ladies fingers, okro) Parsnip Sugar Beet Red pepper Perch (Rose fish) Chamomile Tea	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)  Specific IgE allergens (cont'd):  Grass pollen: Bahia grass Barley Bermuda grass Brome grass Canary Grass Common Reed Cultivated oat Cultivated rye Cultivated wheat False Oat-grass rPhl p 6 Timothy rPhl p 7 Timothy rPhl p 7, rPhl p 12 Timothy Rye grass Salt Grass Sweet vernal grass Timothy grass Velvet grass Wild Rye grass Annual bluegrass Wheat Grass  Insect venom: Dust: Dust: House mite, Cockroach House dust (Greer Labs Inc) House dust (Hollister-Stier Labs) Berlin Beetle Blood Worm Bumblebee venom Cockroach (German) Cockroach, Oriental Cockroach, Smoky Brown Common Wasp (Yellow Jacket) Venom European hornet venom European Paper Wasp venom Fire ant Fly	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser  Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01



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HUMAN BODY FLUIDS (cont'd)  Serum, plasma (cont'd)	<p><u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Detection of the following: (cont'd)</p> <p>Specific IgE allergens (cont'd):</p> <p>Insect venom: (cont'd)</p> <p>Grain weevil Green nimitti Honey Bee venom Horse fly Mediterranean flour moth Mosquito Moth Paper wasp venom rApi m 1 Phospholipase A2, Honey bee rApi m 2 Honey bee Hyaluronidase rApi m 3 Honey bee Acid phospholipase rApi m 5 Honey bee Allergy C (Dipeptidyl peptidase) rApi m 10 Honey bee rPol d 5 European Paper Wasp rVes v 1 Phospholipase A1, Common wasp rVes v 5 Common wasp White-faced hornet venom (North American) Yellow hornet venom Horse bot fly Deer fly Black ant Flea mix (Dog/Cat) Flour beetle</p> <p>Occupational/Enzymes/Misc. Alkalase Anisakis Artemisia salina, fish feed Ascaris Chloramin T Collagen Daphnia, fish feed Ethylene oxide Formaldehyde (Formalin) Hexahydrophthalic anhydride</p>	<p>In-house documented procedures based on equipment manuals as relevant</p> <p>FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser</p> <p>Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Occupational/Enzymes/Misc: (cont'd)	
	Isocyanate HDI (Hexamethylene Diisocyanate)	
	Isocyanate MDI (Diphenylmethane diisocyanate)	
	Isocyanate TDI (Toluene Diisocyanate)	
	Ispaghula	
	Latex	
	Maxatase	
	Mealworm	
	Methyltetrahydrophthalic anhydrid	
	MUXF CCD Bromelain	
	n Gal d 4 Lysozyme, Egg	
	nAna c 2 Bromelain, Pineapple	
	nAsp o 21 Alpha amylase	
	nCar p 1 Papain, Papaya	
	nSus s Pepsin , Swine	
	Occupational mix (Asp. Fumigatus M3, Alt. Alternata M6, Rye pollen G12, Wheat pollen G15)	
	Occupational mix (Ethylene oxide K78, Phthalic anhydride K79, Formaldehyde K80, Chloramin T K85)	
	Occupational mix (Horse dander E3, Cow dander E4, Goose feathers E70, Chicken feathers E85)	
	Occupational mix (Isocyanates (TDI, MDI, HDI) K75, K76, K77, Phthalic anhydride K79)	
	Occupational mix (Wheat F4, Soya Bean F14, Alpha amylase K87,	





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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ Hycor analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Occupational/Enzymes/Misc: (cont'd)	
	Sitophilus granarius Ri202)	
	Phthalic anhydride	
	rHev b 1 Latex	
	rHev b 11 Latex	
	rHev b 3 Latex	
	rHev b 5 Latex	
	rHev b 6.01 Latex	
	rHev b 6.02 Latex	
	rHev b 8 Profilin, Latex	
	rHev b 9 Latex	
	Savinase	
	Seminal Fluid	
	Staphylococcus Aureus	
	Streptavidin	
	Streptococcus Viridans	
	Tetramin, fish feed	
	Tobacco leaf	
	Trimetallic anhydride	
	Wheat Threshing	
	Grain mill dust	
	Kapok	
	Protease 1	
	Cyclamen	
	Orris Root	
	Human Serum Albumin (HSA)	
	Escherichia coli (E coli)	
	Seminal Plasma	
	Sperm sediment	
	Echinococcus	
	Schistosoma	



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Textiles: Acrylon Cotton (crude fibre) Cotton (Treated) Cotton seed Sheep's Wool (Treated) Sheep's Wool (Untreated) Silk Silk Waste Synthetic Textile mix (Acrylon K1, Rayon K15, Terylene K25) Textile/Fiber (Natural) mix (Sheep's wool (treated) K20, Silk K74, Cotton (treated) O3)	
	Wood dust: Abachi wood dust Ash dust Beech dust Hay Dust Oak dust Spruce dust Straw Dust White Pine dust	
	Moulds and microorganisms: Alternaria alternate Aspergillus flavus Aspergillus fumigatus Aspergillus Nidulans Aspergillus niger Aspergillus terreus Aureobasidium pullulans Botrytis cinerea Candida albicans Cephalosporium acremonium Chaetomium globosum Cladosporium Cladospor Cladosporium Fulvum	



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> cont'd	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ Hycor analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Moulds and microorganisms: (cont'd)	
	Cladosporium herbarum	
	Curvularia lunata	
	Epicoccus purpurascens	
	Fusarium Culmorum	
	Fusarium moniliforme	
	Fusarium Oxysporum	
	Helminthosporium halodes	
	Malasserzia spp.	
	Micropolyspora faeni	
	Mould mix 1 (Pen. Notatum M1, Clad. Herbarum M2, Asp. Fumigatus M3, Alt. Alternata M6)	
	Mould mix 2 (Pen. Notatum M1, Clad. Herbarum M2, Asp. Fumigatus M3, Candida Albicans M5, Alt. Alternata M6, Helminthosporium halodes M8)	
	Mould mix 4 (A. fumigatus M3, A. niger M207, A. terreus M36, A. flavus)	
	Mucor racemosus	
	Penicillium glabrum	
	Penicillium notatum	
	Phoma betae	
	Pityrosporum orbiculare (Malassezia)	
	rAlt a 1 Alternaria alternata	
	rAsp f1 Aspergillus Fumigatus	
	rAsp f2 Aspergillus Fumigatus	
	rAsp f3 Aspergillus Fumigatus	
	rAsp f4 Aspergillus Fumigatus	
	rAsp f6 Aspergillus Fumigatus	
	Rhizopus nigricans	
	Sporobolomyce Roseus	
	Staphylococcal enterotoxin A	
	Staphylococcal enterotoxin B	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Moulds and microorganisms: (cont'd)	
	Staphylococcal enterotoxin C	
	Staphylococcal enterotoxin TSST (Toxic shock syndrome toxin )	
	Stemphylium botrosom (Stemphyllium herbarum)	
	Thermoactinomyces vulgaris	
	Trichoderma viride	
	Trichophyton mentagrophytes. var goetzii	
	Trichophyton rubrum	
	Trichophyton. mentagrophytes. var interdigitale	
	Trichosporon pullulans	
	Ulocladium chartarum	
	Ustilago nuda / Tilletia tritici	
	Aspergillus versicolor	
	Mucor mucedo	
	Barley smut / Ustilago nuda	
	Aspergillus clavatus	
	Stachybotrys chartarum	
	Oat smut (Ustilago avenae)	
	Geotrichum candidum	
	Bermuda grass smut (Ustilago cynodontis)	
	Johnson grass smut (Sphacelotheca cruenta)	
	Corn smut (ustilago maydis)	
	Paecilomyces spp.	
	Penicillium brevicompactum	
	Penicillium citrinum	
	Penicillium commune	
	Aspergillus repens	
	Serpula lacrymans	
	Aspergillus amstelodami	
	Hormodendrum hordei	
	Bipolaris spicifera	
	Aspergillus oryzae	



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	<p>Helminthosporium interseminatum            Neurospora sitophila            Mucor plumbeus            Mycogone            Nigraspora oryzae            Rhodotorula            Spondylocladium            Epidermaphyton            Epicorum nigrum            Freshwater Algae            Helminthosporium spp            Stem phylum solani            Giliocladium fimbriatum            Phycomyces blakesleanus</p> <p>Miscellaneous mixes:            (HDM D1, Cat E1, Dog E5, Timothy            Grass G6, Cultivated Rye G12,            Cladosporium herbarum M2,            Common Silver Birch T3, Mugwort            W6)</p> <p>Grass, Weed, and Tree mix            (Bermuda grass G2, Rye-grass G5,            Bahia grass G17, Common            Ragweed W1, Plantain            (English)/Ribwort W9,            Goosefoot/Lamb's Quarters W10)</p> <p>Grass, Weed, and Tree mix            (Bermuda grass G2, Rye-grass G5,            Sweet Vernal Grass G1, Common            Ragweed W6, Mugwort W6,            Plantain (English)/Ribwort W9)</p>	



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Miscellaneous mixes: (cont'd)	
	Grass, Weed, and Tree mix (Timothy grass G6, Mugwort W6, Plantain (English)/Ribwort W9, Wall Pellitory W21, Common Silver Birch T3)	
	Mite and Dander mix (Dermat. Pteronyssinus D1, Cat epithelium and dander E1, Horse dander E3, Dog dander E5, Rabbit epithelium E82)	
	Mite, Dander, and Mould mix (Dermat. Farinae D2, Cat epithelium and dander E1, Horse dander E3, Dog dander E5, Alt. Alternata M6)	
	Mite, Dander, Mould and Venom mix (Dermat. Pteronyssinus D1, Cat epithelium E1, Asp. Fumigatus M3, Cockroach I6)	
	Tree, Weed and Mould mix (Common Silver Birch T3, Timothy grass G6, Mugwort W6, Clad. Herbarum M2, Alt. Alternata M6)	
	Tree pollen:	
	Acacia	
	Alder, Smooth	
	American beech	
	Australian pine	
	Bayberry	
	Beech, European	
	Box-elder	
	Cedar	
	Cedar Elm	
	Common silver birch	
	Cottonwood	
	Cypress	



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)  Specific IgE allergens (cont'd):  Tree pollen: (cont'd) Cypress, White Bald Date (tree) Douglas fir Elder Elm Eucalyptus, Gum-tree European Ash Grey alder Hackberry Hardwood mix (Oak K33, Mahogany K39, Ramin K42, Abachi K212) Hawthorn Hazel Horn beam Horse chestnut Italian/Mediterranean/Funeral Cypress Japanese cedar Juniper, One Seed Linden London Plane / Maple leaf sycamore Mahogany Melaleuca, Cajeput-tree Mesquite Mountain juniper Mulberry nCup a 1 Cypress nOle e 1 olive nOle e 7 LTP, Olive Oak Oil Palm Olive	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser  Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ Hycor analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Tree pollen: (cont'd)	
	Paloverde	
	Pecan, Hickory	
	Peppertree	
	Pine	
	Privet	
	Queen palm	
	rBet v 1 PR-10 birch	
	rBet v 2 profilin birch	
	rBet v 2, rBet v 4 birch	
	rBet v 4 birch	
	rBet v 6 birch	
	Red Cedar	
	Red Cedar	
	Red Mulberry	
	rOle e 9 Olive	
	rPla a 1, London plane tree/ Maple leaf sycamore	
	Russian Olive	
	Scotch Broom	
	Silver Fir	
	Softwood mix (Beech K32, Pine (White) K36, Cedar (Red) K43, Silver Fir K44)	
	Spruce (Pollen)	
	Sweet chestnut	
	Sweet gum	
	Sycamore	
	Tree mix (Box-elder T1, Common Silver Birch T3, American Beech T5, Oak T7, Walnut T10)	
	Tree mix (Box-elder T1, Common Silver Birch T3, Hazel T4, Oak T7, Maple Leaf Sycamore/London Plane T11)	





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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	<p>Detection of the following: (cont'd)</p> <p>Specific IgE allergens (cont'd):</p> <p>Tree pollen: (cont'd)</p> <p>Tree mix (Box-elder T1, Common Silver Birch T3, Oak T7, Elm T8, Walnut T10)</p> <p>Tree mix (Box-elder T1, Oak T7, Elm T8, Cottonwood T14, Pecan/Hickory T22)</p> <p>Tree mix (Grey Alder T2, Common Silver Birch T3, Hazel T4, Oak T7, Willow T12)</p> <p>Tree mix (Grey Alder T2, Common Silver Birch T3, Hazel T4, White Ash, T15)</p> <p>Tree mix (Grey Alder T2, Hazel T4, Elm T8, Willow T12, Cottonwood T14)</p> <p>Tree mix (Mountain Juniper T6, Oak T7, Elm T8, Cottonwood T14, Mesquite T20)</p> <p>Tree mix (Oak T7, Elm T8, Maple Leaf Sycamore/London Plane T11, Willow T12, Cottonwood T14)</p> <p>Tree mix (Olive T9, Willow T12, White Pine T16, Eucalyptus/Gum-tree T18, Acacia T19, Melaleuca/Cajeput-tree T21)</p> <p>Virginia live oak</p> <p>Walnut</p> <p>White ash</p> <p>White Hickory</p> <p>White pine</p> <p>Willow</p> <p>Orange tree</p> <p>Lilac</p> <p>Magnolia</p> <p>Aspen</p> <p>Redwood</p> <p>Japanese Cypress</p>	<p>FEIA/Enzyme immunoassay using Phadia250, 2500/ Hycor analyser</p> <p>Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01</p>



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	Red Maple Locust tree White Birch Black Willow Arizona Ash Ironwood Salt Cedar Chinese Elm (Siberian Elm) Red Oak Loblolly Pine Tree of Heaven Mango tree Tree of Life Black Walnut White Poplar	



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on equipment manuals as relevant
Serum, plasma (cont'd)	Detection of the following: (cont'd)	FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser
	Specific IgE allergens (cont'd):	Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01
	Weed and plant pollen:	
	Alfalfa	
	Bougainvillea	
	Camomile	
	Careless Weed	
	Carnation	
	Cocklebur	
	Common pigweed	
	Common ragweed	
	Dandelion	
	Dog Fennel	
	False Ragweed	
	Ficus Spp.	
	Firebush (Kochia)	
	Flower Mix 1 (Chrysanthemum W22, Dahlia W25, Hyacinth W40, Aster (China) W77)	
	Flower Mix 2 (Marguerite/Ox-eye Daisy W7, Rose W28, Tulip W30, Primrose W63)	
	Giant ragweed	
	Goldenrod	
	Goosefoot, Lambs quarters	
	Japanese Hop	
	Lupin (Pollen)	
	Marguerite, Ox-eye daisy	
	Mugwort	
	nAmb a 1 Ragweed	
	Narcissus	
	nArt v 1 Mugwort	
	nArt v 3 LTP Mugwort	
	Nettle	
	nSal k 1 Saltwort	
	Plantain (English), Ribwort	
	Pyrethrum	
	Rape (Pollen)	



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Serum, plasma (cont'd)	<p>Detection of the following: (cont'd)</p> <p>Specific IgE allergens (cont'd):</p> <p>Weed and plant pollen: (cont'd)</p> <p>Rose</p> <p>Rough marshelder</p> <p>rPar j 2 LTP Parietaria judaica</p> <p>Saltwort (prickly), Russian Thistle</p> <p>Scale, Lenscale</p> <p>Sheep sorrel</p> <p>Sugar-Beet</p> <p>Sunflower (Pollen)</p> <p>Wall pellitory (Parietaria judaica)</p> <p>Wall pellitory (Parietaria officianalis)</p> <p>Weed mix (Common Ragweed W1, Mugwort W6, Marguerite/Ox-eye Daisy W7, Dandelion W8, Golden Rod W12)</p> <p>Weed mix (Common Ragweed W1, Mugwort W6, Plantain (English)/Ribwort W9, Goosefoot/Lamb's Quarters W10, Saltwort (prickly)/Russia Thistle W11)</p> <p>Weed mix (Common Ragweed W1, Western Ragweed W2, Giant Ragweed W3)</p> <p>Weed mix (Marguerite/Ox-eye Daisy W7, Dandelion W8, Plantain (English)/Ribwort W9, Goosefoot/Lamb's Quarters W10, Golden Rod W12)</p> <p>Weed mix (Mugwort W6, Platian (English)/Ribwort W9, Goosefoot/Lamb's Quarters W10, Golden Rod W12, Nettle W20)</p>	<p>FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser</p> <p>Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum, plasma (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Detection of the following: (cont'd)</p> <p>Specific IgE allergens (cont'd):</p> <p>Weed and plant pollen: (cont'd)</p> <p>Weed mix (Plantain (English)/Ribwort W9, Goosefoot/Lamb's Quarters W10, Saltwort (prickly)/Russia Thistle W11, Sheep Sorel W18)</p> <p>Weed mix (Western Ragweed W2, Mugwort W6, Platain (English)/Ribwort W9, Goosefoot/Lamb's Quarters W10, Scale/Lenscale W15)</p> <p>Western ragweed</p> <p>Wormwood</p> <p>Yellow Dock</p> <p>rPla I 1 Plantain (Plantago lanceolata)</p> <p>Spiny Pigweed</p> <p>Mexican Tea</p> <p>Rabbit bush</p> <p>Salt Bush</p> <p>Water hemp</p> <p>Poverty weed</p> <p>Sagebrush</p> <p>Forsythe</p> <p>Iodine Bush</p> <p>Slender Ragweed</p> <p>Wing Scale</p> <p>Chinese Aster</p>	<p>In-house documented procedures based on equipment manuals as relevant</p> <p>FEIA/Enzyme immunoassay using Phadia250, 2500/ HYCOR analyser</p> <p>Phadia/Hycor SOP AL32A, AL32B, AL32C/AL01</p>
END		