


Schedule of Accreditation

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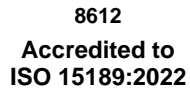
United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 8612</p> <p>Accredited to ISO 15189:2022</p>	<p align="center">Belfast Health and Social Care Trust</p> <p align="center">Issue No: 007 Issue date: 14 May 2025</p>	
	<p>Department of Immunology Kelvin Building Royal Victoria Hospital Grovesnor Road Belfast BT12 6BA United Kingdom</p>	<p>Contact: Mr Sean Conlan Tel: +44 (0) 28961 54863 E-Mail: sean.conlan@belfasttrust.hscni.net Website: www.belfasttrust.hscni.net</p>
<p align="center">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
<p>HUMAN BODY FLUIDS</p> <p>Serum unless otherwise specified</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis</u></p> <p><u>Detection of:</u></p> <p>Antinuclear antibody specificities (ANA) on Hep2 cells</p> <p>Detection of antibodies to antigens in HEp2 cells including anti centromere antibody</p> <p>Detection of antibodies against dsDNA using Crithidia luciliae</p> <p>Detection of IgA (and IgG) antibodies to endomysium</p> <p>Detection and quantitation of gastric parietal cell autoantibodies</p> <p>Detection of anti-neutrophil cytoplasmic antibodies (ANCA)</p> <p>Detection of Anti smooth muscle antibody</p> <p>Detection of Anti liver kidney antibodies (LKM)</p>	<p>Documented procedures & manufacturer's instructions for Helmed slide processor/diluter and Indirect Immunofluorescence with specific reference to:</p> <p>I-31</p> <p>I-31</p> <p>I-32</p> <p>I-27</p> <p>I-25</p> <p>I-30</p> <p>I-25</p> <p>I-25</p>



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HUMAN BODY FLUIDS (cont'd) Serum unless otherwise specified (cont'd)	<p><u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Detection and quantification of specific IgE:</p> <p>Amoxicillin Ampicillin Gelatin Cefaclor Chlorhexidine Housedust mite Lepidoglyphus storage mite Tyrophagus storage mite Cat dander Parrot Horse dander Cow dander Dog dander Guinea pig Mouse epithelium Rat epithelium Rat urine proteins Rat serum proteins Budgerigar droppings Budgerigar feathers Budgerigar serum proteins Sheep epithelium Rabbit epithelium Hamster epithelium Turkey feathers Epithelial mix Feather mix Egg white Sesame seed Buckwheat Green pea Peanut Soya bean White bean Hazel nut</p>	<p>Documented procedures & manufacturer's instructions for Thermo Scientific Phadia Immunocap 250 (Fluorescence Enzyme Immunoassay (FEIA))with specific reference to: I-44 Immunocap 250</p> <p>I-46</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum unless otherwise specified (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Detection and quantification of specific IgE (cont'd)</p> <p>Brazil nut Cow's milk Almond Pecan nut Cashew nut Pistachio Trout Mackerel Lemon Grapefruit Pineapple Blackberry Mushroom Lettuce Paprika (sweet pepper) Fennel Coffee Tea Poppy seed Pumpkin seed Crab Ovalbumin Ovomucoid Lentil Apricot Shrimp Cherry Honey Tomato Pine nut Plaice Plum Walnut Squid Grape Pork Green pepper Basil Beef</p>	<p>Documented procedures & manufacturer's instructions for Thermo Scientific Phadia Immunocap 250 (Fluorescence Enzyme Immunoassay (FEIA)) with specific reference to: I-44 Total Specific IgE</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum unless otherwise specified (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Detection and quantification of specific IgE (cont'd)</p> <p>Anise Chilli pepper Black pepper Curry Red kidney bean Blueberry Date Oyster Passion fruit Sweet chestnut Fish (cod) Goat's milk Hake Sardine Chickpea Carrot Green bean Conalbumin Orange Lupin seed Scallop Raspberry Macadamia nut Potato rPen a 1 tropomyosin Ara h 8 PR-10 peanut Coconut Blue mussel Wheat Tuna Salmon Omega 5 gliadin Ara h 1 peanut Ara h 2 peanut Ara h 3 peanut rCor a 8 LTP Hazel nut Ara h 9 LTP peanut rCor a 1 PR-10 Hazel nut rAct d 8 PR-10 kiwi</p>	<p>Documented procedures & manufacturer's instructions for Thermo Scientific Phadia Immunocap 250 (Fluorescence Enzyme Immunoassay (FEIA)) with specific reference to: I-44 Total Specific IgE</p>



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HUMAN BODY FLUIDS (cont'd) Serum unless otherwise specified (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd) Detection and quantification of specific IgE (cont'd) Strawberry Yeast Garlic Onion Apple Rye Sweet potato Octopus Barley Oat Egg yolk nBos d 4 alpha lactalbumin Beta lactoglobulin nBos d 8 Casein Gluten Maize corn Lobster Cheese (cheddar type) Cheese (mold type) Chicken Kiwi Celery Parsley Melon Mutton (lamb) Rice Mango Banana Chocolate Pear Peach Avocado Spice mix 1 Spice mix 2 rPhl p 1 recombinant rPhl p 2 recombinant rPhl p 6 recombinant rPhl p 7 recombinant rPhl p 12 profilin	Documented procedures & manufacturer's instructions for Thermo Scientific Phadia Immunocap 250 (Fluorescence Enzyme Immunoassay (FEIA)) with specific reference to: I-44 Total Specific IgE



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum unless otherwise specified (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>rPhl p 5 recombinant Cocksfoot Rye grass Timothy grass Grass pollen mix Honey bee Horse fly rApi m 1 honey bee rVes v 5 common wasp rPol d 5 paper wasp rVes v 1 common wasp Common wasp Paper wasp Cockroach (German) Mosquito rHev b 1 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 rHev b 11 latex Formaldehyde Latex Sunflower seed Aspergillus fumigatus IgE Candida albicans (yeast) Alternaria alternata Mould mix Cotton crude fibres Seminal fluid Echinococcus Anisakis Grain mix Isocyanate mix Penicilloyl G Penicilloyl V Pigeon mix IgG</p>	<p>Documented procedures & manufacturer's instructions for Thermo Scientific Phadia Immunocap 250 (Fluorescence Enzyme Immunoassay (FEIA)) with specific reference to: I-44 Total Specific IgE</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum unless otherwise specified (cont'd)</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Allergy request Suxamethonium Maple leaf sycamore Chestnut rBet v 1 recombinant rBet v 2 profilin Silver birch Hazel pollen Beech Oak Olive pollen Wall pellitory Mugwort Weed mix Cardamon Ginger Haddock Mustard Olive (black fresh) Pig Tetracycline rPru p 1 PR-10 Peach rPru p 3 LTP Peach Cor a14 hazelnut F439 Cor a9 hazelnut F440 rCor a1 hazelnut F428 rCor a8 hazelnut F425 rPru p3 peach F420 rBet v2 T216 rPhl p 12; G212 Ovomucoid F233 Rapeseed F316 Linseed F333 Dermatophagoides Farinae D2 Jug a1 walnut Ana03 cashew nut</p>	<p>Documented procedures & manufacturer's instructions for Thermo Scientific Phadia Immucap 250 (Fluorescence Enzyme Immunoassay (FEIA))with specific reference to: I-44 Total Specific IgE</p>



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HUMAN BODY FLUIDS (cont'd) Serum unless otherwise specified (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd) Screening for extrinsic alveolitis by detection of IgG Screening for anaphylaxis Detection of mast cell tryptase	Documented procedures & manufacturer's instructions for Thermo Scientific Phadia Immucap 250 (Fluorescence Enzyme Immunoassay (FEIA))with specific reference to: I-45 I-42 I-43



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum unless otherwise specified (cont'd)</p> <p>Serum</p>	<p><u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Autoimmunity Antibodies to:</p> <p>CTD Panel:</p> <ul style="list-style-type: none"> • U1RNP (RNP70, A, C,) • SS-A/RO (60kDa, 52kDa) • SS-B/La, • centromere B • Scl-70 • Jo-1 • Fibrillarin • RNA Pol III • Rib-P • PM-Scl • PCNA • Mi-2 proteins • Sm proteins • Native purified dsDNA <p>If required: Anti-DsDNA and ENA screen:</p> <ul style="list-style-type: none"> • Human recombinant U1RNP (RNP70, A, C) • SS-A/Ro (60 kDa, 52 kDa) • SS-B/La • Centromere B • Scl-70 and Jo-1 proteins • Synthetic SmD3 peptide <p>Typing of ENA Specificities:</p> <ul style="list-style-type: none"> • Anti-Ro (SS-A) (60kDa, 52kDa) • Anti-La (SS-B) • Anti-Sm • Anti-Scl-70 • Anti-Jo-1 • Centromere B • Anti- U1RNP (RNP70, A, C) 	<p>Documented procedures & manufacturer's instructions for Thermo Scientific Phadia Immunocap 250 (Fluorescence Enzyme Immunoassay (FEIA))with specific reference to:</p> <p>Thermofisher Phadia 250 ELIA IgG</p>



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HUMAN BODY FLUIDS (cont'd) Serum unless otherwise specified (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd) Functional evaluation of C1 esterase inhibitor	Documented procedures for chromogenic assay with specific reference to: Functional evaluation of C1 esterase inhibitor I-262 Documented procedures & manufacturer's instructions for Becton Dickinson FACS Lyric Flow Cytometry and Sample Preparation with the FACS Duet I-565 with specific reference to:
EDTA Blood	Measurement of lymphocyte subset panel: CD3 (T cell) CD4 (T helper) CD8 (T cytotoxic) CD19 (B cell) CD16/56 (NK cell)	I-576 BD FACSLyric: Daily Start-up, Shutdown & Maintenance I-595 Measurement of TBNK by Flow Cytometry I-52 LWA Washstation
EDTA Blood	Measurement of neutrophil respiratory oxidative burst	I-49
Serum	Quantification of: Anti Proteinase-3 antibody (PR3) Anti Myeloperoxidase antibody (MPO) Anti glomerular basement membrane antibodies (GBM) Anti-CCP (Cyclic Citrullinated peptide) antibody Anti-Cardiolipin IgG antibody Anti-Cardiolipin IgM antibody Anti-Beta-2 Glycoprotein IgG antibody Anti-Beta-2 Glycoprotein IgM antibody	Documented in-house procedures and manufacturer's instructions Werfen Analyser; Bioflash I-571 Bio-Flash SOP



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HUMAN BODY FLUIDS (cont'd) Serum	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd) Quantification of: IgA antibodies against tissue transglutaminase	Documented in-house procedures and manufacturer's instructions Werfen Analyser; Aptiva I-583 Aptiva SOP tTG
END		