


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>8547</p> <p>Accredited to ISO 15189:2022</p>	<h3>Lancashire Teaching Hospitals NHS Foundation Trust</h3> <p>Issue No: 009 Issue date: 14 January 2026</p>	
	<p>Department of Immunology Royal Preston Hospital Sharoe Green Lane Fulwood Preston PR2 9HT United Kingdom</p>	<p>Contact: Dr Anthony Rowbottom Tel: +44 (0) 1772 522132 (Ext 2132) E-Mail: Anthony.Rowbottom@lthtr.nhs.uk Website: www.lancsteachinghospitals.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
<p>HUMAN BODY FLUIDS</p> <p>Blood (unless otherwise stated)</p>	<p><u>Immunological examination activities for the purposes of clinical diagnosis:</u></p> <p><u>Allergy Testing</u></p> <p>Total IgE Level</p> <p>Specific IgE:</p> <p>Grass pollens nCyn d 1 Bermuda grass rPhl p 1 Timothy rPhl p 2 Timothy</p> <p>nPhl p 4 Timothy rPhl p 6 Timothy rPhl p 7 Timothy rPhl p 11 Timothy</p> <p>rPhl p 12 Profilin, Timothy rPhl p 1, rPhl p 5b Timothy rPhl p 7, rPhl p 12 Timothy rPhl p 5b Timothy</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>ImmunoCAP (fluorescent enzyme immunoassay) using Phadia 1000 SIM-176</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Blood (unless otherwise stated) (cont'd)</p>	<p><u>Immunological examination activities for the purposes of clinical diagnosis</u> (cont'd):</p> <p><u>Allergy Testing</u> (cont'd)</p> <p>Specific IgE:</p> <p>Drugs Amoxicilloyl Ampicilloyl Cefaclor</p> <p>Chlorhexidine Gelatin bovine</p> <p>Insulin human Penicilloyl G Penicilloyl V</p> <p>Pholcodine Morphine Suxamethonium (succinylcholine)</p> <p>Occupational Bougainvillea</p> <p>Cotton seed Ethylene oxide Ficus Ficus spp</p> <p>Formaldehyde/Formalin Hexahydroptalic anhydrid Isocyanate HDI (Hexamethylene diisocyanate)</p> <p>Isocyanate MDI (Diphenylmethane diisocyanate) Isocyanate TDI (Toluene diisocyanate) Ispaghula Latex</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>ImmunoCAP (fluorescent enzyme immunoassay) using Phadia 1000 SIM-176</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Blood (unless otherwise stated) (cont'd)</p>	<p><u>Immunological examination activities for the purposes of clinical diagnosis</u> (cont'd):</p> <p><u>Allergy Testing</u> (cont'd)</p> <p>Specific IgE:</p> <p>Occupational (cont'd) Phthalic anhydride Silk Bombyx mori</p> <p>Sunflower seed nAna c 2 Bromelain, Pineapple</p> <p>nAsp o 21 alpha-amylase nGal d 4 Lysozyme, Egg</p> <p>rHev b 1 Latex rHev b 3 Latex rHev b 5 Latex</p> <p>rHev b 8 Profilin, Latex rHev b 9 Latex rHev b 11 Latex</p> <p>nSus s Pepsin, Swine</p> <p>Mixes: k75, k76, k77, k79 k78, k79, k80, k85</p> <p>Parasites Anisakis Ascaris</p> <p>Miscellaneous Cotton, crude fibers</p> <p>Mealworm Tenebrio mollitor MUXF3 CCD, Bromelain</p> <p>Seminal fluid Streptavidin nGal-alpha-1aI (alpha-Gal)</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>ImmunoCAP (fluorescent enzyme immunoassay) using Phadia 1000 SIM-176</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Blood (unless otherwise stated) (cont'd)</p>	<p><u>Immunological examination activities for the purposes of clinical diagnosis</u> (cont'd):</p> <p><u>Allergy Testing</u> (cont'd)</p> <p>Specific IgE:</p> <p>Occupational (cont'd)</p> <p>Other mixes – Regional: g6, w6, w9, w21, t3 d2, e1, e3, e5, m6 g2, g5, g17, w1, w9, w10</p> <p>d1, e1, m3, i6 t3, g6, w6, m2, m6 d1, e1, e3, e5, e82</p> <p>Foods – Fruits & vegetables</p> <p>Apple Apricot Asparagus</p> <p>Aubergine, eggplant Avocado Bamboo shoot Banana</p> <p>Beetroot Blackberry Blueberry Broccoli</p> <p>Brussel sprouts Cabbage Carrot</p> <p>Cauliflower Celery Cherry Cucumber</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>ImmunoCAP (fluorescent enzyme immunoassay) using Phadia 1000 SIM-176</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Blood (unless otherwise stated) (cont'd)</p>	<p><u>Immunological examination activities for the purposes of clinical diagnosis</u> (cont'd):</p> <p><u>Autoantibody Detection</u> (cont'd)</p> <p>Functional complement</p> <ul style="list-style-type: none"> • Classical pathway • Alternate pathway <p><u>Specific Microbial Antibody Detection:</u></p> <p>Haemophilus influenzae B</p> <p><u>Detection of Cell surface and intracellular cell markers</u></p> <p>Lymphocyte Subset Analysis: Cell Markers</p> <p>CD3, CD4, CD8, CD16, CD19, CD56, CD45,</p> <p>Immunodeficiency/Class Switch/Leukocyte Adhesion Deficiency Cell Markers: (in addition to above and below) CD18, CD27</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>ED-COMPLCP310 Euro Diagnostica (Svar Life Science AB)</p> <p>ED-COMPLAP330 Euro Diagnostica (Svar Life Science AB)</p> <p>ELISA using Dynex DSII processor SOP SIM-45 and SIM-170</p> <p>Beckman Coulter Navios Flow Cytometer, TQ Prep, and MicroFlow Class I Safety cabinet with reference to:</p> <p>SIM-82, SIM-145, SIM-149 and SIM-119</p>



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Schedule of Accreditation
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United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Lancashire Teaching Hospitals NHS Foundation Trust
Issue No: 009 Issue date: 14 January 2026

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HUMAN BODY FLUIDS (cont'd) Blood (unless otherwise stated) (cont'd)	<u>Immunological examination activities for the purposes of clinical diagnosis</u> (cont'd): <u>Detection of Cell surface and intracellular cell markers</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below: Beckman Coulter Navios Flow Cytometer, TQ Prep, and MicroFlow Class I Safety cabinet (cont') with reference to:
	Neutrophil Oxidative Burst (DHR)	SIM-145 and SIM-83
	<u>Immunochemistry</u> Functional C1 inhibitor	Manual ELISA assay read on Dynex DSII processor SIM-167
Also CSF	Oligoclonal Band Detection	Isoelectricfocusing using Helena Biosciences EPS-600 SIM-50 and SIM-42
Urine	Detection of normal and abnormal protein fractions	Capillary electrophoresis using Sebia Capillarys SIM-86, SIM-101 and SIM-124
	Urine	Detection of normal and abnormal protein fractions
	Serum	Identification of paraprotein bands and / or cryoproteins
	Urine	Identification of paraprotein bands



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HUMAN BODY SAMPLES	<u>Immunological examination activities for the purposes of clinical diagnosis (cont'd):</u>	In house documented procedures based on equipment manuals and standard methods as specified below:
Urine	Monoclonal protein screen Monoclonal protein quantitation	Sebia Hydrasys 2 Agarose gel zonal electrophoresis SIM-48 and SIM-69
Serum	Monoclonal protein immunotyping	SIM-48, SIM-60 and SIM-41
Urine	Monoclonal protein immunotyping	SIM-48 and SIM-70
Blood	Specific IgG Quantitation: Aspergillus Avian – Budgerigar, Pigeon and Parrot Candida Albicans Farmers Lung – Micropolyspora Faeni and Thermoactinomydes Vulgaris Cladosporium Herbarum Alternaria alternata	ImmunoCAP methodology (fluorescent enzyme immunoassay) using Phadia 250 SIM-84 and SIM-63
Blood	<u>Protein Quantification:</u> Specific Protein Quantitation: Alpha-1-Acid Glycoprotein Alpha-1-Antitrypsin Albumin Complement C3 and C4 Complement C1 Inhibitor Haptoglobin Rheumatoid Factor IgG Subclasses Free Light Chains	Nephelometry on the Siemens BN II SIM-158 and SIM-159
Urine	Specific Protein Quantitation: Beta-2-Microglobulin	
Urine	Free Light Chains	



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HUMAN BODY FLUIDS (cont'd) Blood (unless otherwise stated) (cont'd) CSF Joint Fluid	<u>Immunological examination activities for the purposes of clinical diagnosis</u> (cont'd): CSF Protein Quantitation: IgG and Albumin <u>Macro and Microscopy Joint Fluid Analysis</u> Synovial fluid assessment for detection of crystals: Monosodium urate Calcium pyrophosphate dihydride	In house documented procedures based on equipment manuals and standard methods as specified below: Manual macroscopy and microscopy SIM-37 & SIM-88
END		