Schedule of Accreditation

United Kingdom Accreditation Service

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



9713

Accredited to ISO 15189:2022

NHS Greater Glasgow and Clyde

Issue No: 012 Issue date: 31 October 2025

Department of Immunology and Neuroimmunology

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS AND TISSUE	Neuroimmunology activities for the purpose of clinical diagnosis	In house documented procedures using-
Serum CSF	Oligoclonal bands	Multiphor 11, Electrophoresis system by IEF SOP;-LP_NI_8
Serum	Acetylcholine Receptor Antibodies	Perkin Elmer Gamma counter- RIA SOP;- LP_NI_18
Serum/Plasma	Anti Glycolipid antibodies (gangliosides) IgM and IgG GM1 GM2 GDIA GDIB GQIB	In-house ELISA screening and titration assay using Perkin Elmer VICTOR plate reader SOP ;- LP_NI_1
Serum	Anti- neuronal antibodies screen (paraneoplastic)	by Werfen QuantaLYSER 3000 automated slide processor & indirect immunofluorescence microscopy LP_IIF_9 and LP_NI_2

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HUMAN BODY FLUIDS AND TISSUE (cont'd)	Neuroimmunology activities for the purpose of clinical diagnosis (cont'd)	In house documented procedures using-
Serum (cont'd)	Anti-neuronal antibodies (confirmation) Anti-Hu Anti-Yo Anti-Ri Anti-CV2 Anti-MA2Ta Anti-Amphiphysin Anti-Sox1 Anti-Recoverin Anti-Titin	Euroimmun Blotmaster Western Blot SOP ;- LP_NI_30
SerumCSF	Detection of : Anti Glutamate receptor (type NMDA)	IIFT Biochips- Indirect Immunofluorescence; Using Euroimmun Sprinter SOP; LP_G_3
Serum	Anti Voltage Gated Potassium channel associated proteins (VGKC) • LGI 1 • CASPR 2 Anti- Neuromyelitis Optica Spectrum Disorder antibodies(NMOSD) • Anti- Anti-Myelin Oligodendrocyte Glycoprotein abs (Anti-MOG) Anti- Aquaprin 4 abs (AQP4)	LP_NI_27 Operation and Maintenance of IF Sprinter for detection of NMDA, VGCK and NMOSD.

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HUMAN BODY FLUIDS AND TISSUE (cont'd)	Immunology activities for the purpose of clinical diagnosis	
	Detection of: Anti-Nuclear antibodies (ANA)	Werfen QuantaLYSER 3000 and automated slide processor by Detected by Indirect Immunofluorescence Fluorescent Microscope LP_G_3 and acquisition, analysis and storage of digital image using the NOVA View automated fluorescene microscope LP_IFF_11 LP_IIF_2
Serum	ANA titres	LP_IIF_2
	Tissue Auto Antibodies (AA)	LP_IIF_3
	Anti-Neutrophil Cytoplasmic Antobodies (ANCA)	LP_IIF_4
	lgA Endomysial,	LP_IIF_5
	Skin antibodies (Pemphigus and Pemphigoid)	LP_IIF_7
	Adrenal	LP_IIF_6
	Crithidia	LP_IIF_8

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HUMAN BODY FLUIDS AND TISSUE (cont'd)	Immunology activities for the purpose of clinical diagnosis (cont'd)	
	Detection of :	DS2 by ELISA
		LP_ICHEM_1
Serum	Intrinsic Factor Antibodies (IFA)	Using Inova diagnostics kits LP_ICHEM_2
	Haemophilus influenzae type b (HiB) antibodies	Using Binding Site kits LP_ICHEM_3
	Pneumonococcal Capsular Polysaccharide (PCP) antibodies	Using Binding Site kits LP_ICHEM_4
	Tetanus Toxoid IgG antibodies	Using Binding Site kits LP_ICHEM_5
	Glutamic acid decarboxylase (GAD) autoantibodies	Using RSR kits LP_ICHEM_6
		Phadia 2500 by FEIA LP_IAUTO_6
	Anti-Glomerular basement membrane (GBM) antibodies	
	Anti-Myeloperoxidase (MPO) antibodies	
	Anti-Proteinase 3 (PR3) antibodies	
	IgA & IgG Anti-Tissue Transglutaminase (TTG) antibodies	
	dsDNA antibodies	
	Anti-Extractable Nuclear Antigen (ENA) antibodies: Screen	

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HUMAN BODY FLUIDS AND TISSUE (cont'd)	Immunology activities for the purpose of clinical diagnosis (cont'd)	Phadia 2500 by FEIA LP_IAUTO_6
Serum	ENA identity: Ro52 Ro60 La SmD U1-RNP Scl-70 Jo-1 Centromere B Ribosomal P Anti-Cyclic Citrullinated Peptide	
	(CCP) antibodies Total IgE	
	Allergen Specific IgE (whole allergens): •Almond (f20) •Amoxycillin (c6) •Ampicilloyl (c5) •Apple (f49) •Aspergillus fumigatus (m3) •Avocado (f96) •Banana (f92) •Barley (f6) •Bee (honey) venom (i1) •Beef (f27) •Birch (silver) pollen (t3) •Black pepper (f280) •Brazil nut (f18) •Buckwheat(f11) •Cacao (f93) •Candida albicans (m5) •Carrot (f31) •Cashew nut (f202) •Cat epithelium&dander (e1) •Cefaclor (c7) •Celery (f85) •Cheese, cheddar (f81) •Chick pea (f309) •Chicken (f83)	

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HUMAN BODY FLUIDS AND TISSUE (cont'd)	Immunology activities for the purpose of clinical diagnosis (cont'd)	Phadia 2500 by FEIA LP_IAUTO_6
	purpose of clinical diagnosis	
	•House dust mite (d1) •Kiwi fruit (f84) •Latex (k82) •Lemon (f208) •Lentil (f235) •Lupin (f335) •Maize (f8) •Mango (f91)	

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HUMAN BODY FLUIDS AND TISSUE (cont'd)	Immunology activities for the purpose of clinical diagnosis (cont'd)	Phadia 2500 by FEIA LP_IAUTO_6
Serum	Allergen Specific IgE (whole allergens): (cont'd)	
	•Melon (f87) •Milk (f2) •Mould mix (mx1): Penicillium chrysogenum (P.notatum), Cladosporium herbarum, Aspergillus fumigatus, Alternaria alternata •Mouse epithelium,serum,urine (e88) •Mushroom (f212) •Mussel, blue (f37) •Mustard (f89) •Oat (f7) •Omega-5 gliadin (f416) •Onion (f48) •Orange (f33) •Oyster (f290) •Paprika / Sweet pepper (f218) •Pea (f12) •Peach (f95) •Peanut (f13) •Pear (f94) •Pecan (f201) •Penicilloyl G & V (c1 & c2) •Pine nut (f253) •Pineapple (f210) •Pistachio (f203) •Poppy seed (f224) •Pork (f26) •Potato (f35) •Rabbit epithelium (e82) •Rape seed (f316) •Raspberry (f343) •Rat epithelium,serum,urine (e87) •Rice (f9) •Rye (f5) •Salmon (f41) •Scallop (f338)	

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HUMAN BODY FLUIDS AND TISSUE (cont'd)	Immunology activities for the purpose of clinical diagnosis (cont'd)	Phadia 2500 by FEIA LP_IAUTO_6
Serum	Allergen Specific IgE (whole allergens): (cont'd) •Seafood mix (fx2): Cod, Shrimp,	
	Blue mussel, Tuna, Salmon •Seminal fluid (o70) •Sesame seed (f10) •Shrimp (f24)	
	 Silver Birch (t3) Soya bean (f14) Spice mix (fx71): Caraway, Mace, Cardamom, Clove Strawberry (f44) 	
	•Sunflower seed (k84) •Suxamethonium (c202) •Tomato (f25) •Tree pollen mix (tx8): Box-	
	elder,Common silver birch, Hazel, Oak, Maple leaf sycamore - London plane •Tuna (f40)	
	Vanilla (f234) Walnut (f256) Wasp venom (i3) Weed pollen mix (wx3): Mugwort, Plantain (English) - Ribwort,	
	Goosefoot - Lamb's Quarter, Goldenrod, Nettle •Wheat (f4) •White bean (f15)	
	Allergen Specific IgE (Allergen Components):	
	Peanut	
	 rAra h6 (f447) rAra h8 (f352) rAra h9 (f427) 	

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HUMAN BODY FLUIDS AND TISSUE (cont'd)	Immunology activities for the purpose of clinical diagnosis (cont'd)	Phadia 2500 by FEIA LP_IAUTO_6
Serum	Allergen Specific IgE (whole allergens): (cont'd)	
	Hazelnut	Phadia 2500 by FEIA LP_IAUTO_6 (cont'd)
	Wasp • rVes v1 (i211) • rVes v5 (i209)	
	Honey Bee	
	Red meat • Alpha-Gal (o215)	
	Egg • nGal d1 (f233)	
	Peach	
	Apple rMal d3 (f435	
	Birch rBet v1 (t215) rBet v2 (t216)	

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HUMAN BODY FLUIDS AND TISSUE (cont'd)	Immunology activities for the purpose of clinical diagnosis (cont'd)	
Serum	Detection of;	LP_IAUTO_1, LP_IAUTO_2 and LP_IAUTO_3 Phadia 250 LP_IAUTO_4
	Anti-Glomerular basement membrane (GBM) antibodies	
	Anti-Myeloperoxidase (MPO) antibodies	
	Anti-Proteinase 3 (PR3) antibodies	
	Specific IgG antibodies:	
	Tryptase	
	Quantification of serum Free Light Chains(Serum free kappa and lambda light chains)	Turbidimetry using Optilite: LP_ICHEM_9
	Quantification of C1 inhibitor	C1 Esterase Antigenic Assay Binding Site by Optilite LP_ICHEM_10
	Complement Function	ELISA using WIESLAB® Complement System Kits and Thermo Scientific Multiskan FC Microplate reader. SOP: LP_ICHEM_17
Serum	C1 Inhibitor Function	C1 Esterase Inhibitor Function Chromogenic Assay using Thermo Multiskan FC Microplate Photometer and SOP: LP_ICHEM_15

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HUMAN BODY FLUIDS AND TISSUE (cont'd)	Immunology activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures
Whole Blood	Lymphocyte subset basic panel (CD45, CD3, CD4, CD8, CD16/CD56 and CD19)	Immunophenotyping by BD Duet (Sample processor) and BD Lyric (Flow cytometry) LP_ICELL_1
Blood	Detection of Neutrophil Respiratory Burst by flow cytometry	Neutrophils stimulated with PMA and labelled with DHR, Fluorescent changes are assessed by flow cytometry using BD FACS Lyric Flow Cytometer.
		SOP: LP_ICELL_3 Measurement of Neutrophil Respiratory Burst Activity by Flow Cytometry
Blood	Detection of autoimmune liver disease auto-antibodies: AMA-M2	Immunoblot using Euroimmun Blotmaster
	M2-3E (BPO) Sp100 PML gp210 LKM-1 LC-1 SLA/LP Ro-52	SOP: LP_BLOT_1 Detection of autoimmune liver disease autoantibodies using the EUROBlotMaster
END		

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