


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2022</p>	University College London Hospitals NHS Foundation Trust	
	Issue No: 009 Issue date: 25 February 2025	
	Neuroimmunology & CSF Laboratory 9th Floor UCL Institute of Neurology National Hospital for Neurology and Neurosurgery (UCLH) London WC1N 3BG	Contact: Vaneesha Gibbons Tel: +44 (0)203 44 84250 E-Mail: vaneeshagibbons@nhs.net Website: https://www.uclh.nhs.uk/our-services/find-service/neurology-and-neurosurgery/neuroimmunology
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	<u>Neuroimmunology</u>	In house documented procedures based on equipment manuals and standard methods as specified below:
Venous Blood: serum	<u>Examination activities for the purposes of clinical diagnosis.</u> Quantification of:	By electrophoresis / Western Blot using XCell SureLock Electrophoresis cell (Invitrogen), 2D 4-12% NuPage gels NPO326BOX (Invitrogen), XCell II Blot module, Deca probe PR150 Blot manifold (Invitrogen) with reference to:
	Anti-Basal Ganglia Antibodies (ABGA)	SOP NICL_AOP_Serum_005
	Anti-Retinal Antibodies	SOP NICL_AOP_Serum_015
Venous Blood: serum, CSF	Anti-neuronal (paraneoplastic) Antibodies	Recombinant immunoblot using Ravo Diagnostika PNS 14 Line assay kit using SOP NICL AOP Serum 002 Manual Indirect Immunofluorescence using Nova primate cerebellum (Inova) slides and Nikon fluorescence microscope SOP NICL_AOP_Serum_010
Venous Blood: serum, CSF	LGI1 and CASPR2 antibodies	Manual Indirect Immunofluorescence using IIF Neurology Mosaics (Euroimmun) and Nikon fluorescence microscope SOP NICL_AOP_25



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HUMAN BODY FLUIDS (cont'd)	<u>Neuroimmunology</u> (cont'd) <u>Examination activities for the purposes of clinical diagnosis.</u> (cont'd) Detection of :	In house documented procedures based on equipment manuals and standard methods as specified below: Manual Indirect Immunofluorescence using IIF Neurology Mosaics (Euroimmun) and Nikon fluorescence microscope (cont'd)
Venous Blood: serum, CSF	N-Methyl-D-Aspartate (NMDA) Receptor Antibodies	SOP NICL_AOP_Serum_016
Venous Blood: serum, CSF	Aquaporin 4 and Myelin-oligodendrocyte Glycoprotein (MOG) Antibodies	SOP NICL AOP 31 NMOSD
	GABA-B Receptor Antibodies	SOP NICL AOP serum 35
	IgLON5 antibodies	SOP NICL AOP serum 34
Venous blood, serum	DPPX Antibodies	SOP NICL AOP 32
Venous Blood: serum, CSF	Detection of	Automated Indirect Immunofluorescence using Euroimmun IF Sprinter using Euroimmun IIF Neurology Mosaics
Serum, CSF	N-Methyl-D-Aspartate (NMDA) Receptor Antibodies	SOP NICL_EOP_34_IF Sprinter
Serum, CSF	LGI1 and CASPR2 antibodies	
Serum CSF	Aquaporin 4 and MOG antibodies	
Serum CSF	GABA-B antibodies	
Serum CSF	IgLON5 antibodies	
Serum Only	AMPA1/AMPA2	
Serum, CSF	DPPX Antibodies	
Venous Blood: serum	Anti-Glycolipid Antibodies (GAb)	SOP NICL_AOP_Serum_006 by ELISA using in-house developed method and BMG-Labtech FLUOstar with Omega data analysis



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HUMAN BODY FLUIDS (cont'd)	<u>Neuroimmunology (cont'd)</u> <u>Examination activities for the purposes of clinical diagnosis.</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:
Venous Blood: serum	Anti-Myelin Associated Glycoprotein Antibodies (MAG)	SOP NICL_AOP_Serum_003 by ELISA using Anti-MAG ELISA kit. EK-MAG (Bühlmann Labs) and BMG-Labtech FLUOstar with Omega data analysis
Venous Blood: serum, CSF	Anti-Glutamic Acid Decarboxylase Antibodies (GAD)	SOP NICL_AOP_Serum_014 by ELISA using Anti-GAD ELISA kit. EA 1022-9601G (Euroimmun) and BMG-Labtech FLUOstar with Omega data analysis
Venous Blood: serum	Neutralising Antibodies to b-Interferon	SOP NICL_AOP_Serum_009 by cell-based bioassay using in-house developed method and BMG-Labtech FLUOstar with Omega data analysis
Venous Blood: serum	Vascular Endothelial Growth Factor	SOP NICL_AOP_Serum_011 by ELISA using Quantikine ELISA, Human VEGF Immunoassay. SVE00 (R&D Systems Europe Ltd) and Labtech FLUOstar with Omega data analysis
Venous Blood: serum	Acetylcholine Receptor Antibodies	SOP NICL_AOP_Serum_017 by ELISA using ELISA RSR AChRab ELISA kit ACE 96 (RSR Ltd) and Labtech FLUOstar with Omega data analysis



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HUMAN BODY FLUIDS (cont'd)	<u>Neuroimmunology</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:
	<u>Examination activities for the purposes of clinical diagnosis.</u> (cont'd)	
CSF	Cell count and differential	SOP NICL_AOP_CSF_001 by fluorescence flow cytometry using Sysmex differential analyser SOP NICL_AOP_CSF_001 using Toluidine blue stain and manual microscopy using Labphot light microscope (Nikon) By Nephelometry using Atellica with reference to:
CSF	IgG & IgM	SOP NICL_AOP_CSF_016
CSF	Ferritin	SOP NICL_AOP_CSF_006
CSF and serum	Albumin & IgG	SOP NICL_AOP_CSF_004 By immunoturbidimetry using Randox Daytona Plus with reference to:
CSF and plasma	Glucose	SOP NICL AOP CSF 021
CSF and Plasma	Lactate	SOP NICL AOP CSF 022
CSF	Total Protein	SOP NICL AOP CSF 002
CSF	Lactate Dehydrogenase (LDH)	SOP NICL AOP CSF 023
CSF	Haem pigments	SOP NICL_AOP_CSF_005 by spectrophotometry using Ultrospec spectrophotometer



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CSF	Amyloid Beta 1-42 Amyloid Beta 40 Total tau Protein Phospho-tau 181	NICL_AOP_034: tau, ab42, ab40, phospho-tau, phospho-tau
CSF	S100b	SOP NICL_AOP_CSF_008 by ELISA using S100B ELISA kit (MILLIPORE) and BMG-Labtech FLUOstar with Omega data analysis
CSF	14-3-3	SOP NICL_AOP_CSF_007 by electrophoresis / Western Blot using Invitrogen XCell SureLock Electrophoresis cell, 10 well 4-12% NuPage gels NPO321BOX, XCell II
CSF	Neurofilament Light Chains	Neurofilament Light Chains using ELISA and BMG-Labtech FLUOstar with Omega data analysis SOP NICL_AOP_CSF_032: CSF
CSF and serum	Oligoclonal IgG	SOP NICL_AOP_CSF_004 by Isoelectric Focusing using In-house method based on reference using GE Healthcare IEF Multiphor II Tank 18-1018-06, Power source EPS3500 18-1130-05, Water cooler 18-1102-77
Body fluid suspected of containing CSF	Beta Trace Protein	SOP NICL_AOP_CSF_0024 by nephelometry using Siemens Atellica
END		