


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8642 Accredited to ISO 15189:2022	The Walton Centre NHS Foundation Trust Issue No: 015 Issue date: 22 May 2025	
	Lower Lane Fazakerley Liverpool Merseyside L9 7LJ	Contact: Wallis Hayes Tel: +44 (0) 151 556 3319 Fax: +44 (0) 151 529 5498 E-Mail: wallis.hayes1@nhs.net Website: thewaltoncentre.nhs.uk
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address The Neurosciences Laboratories The Walton Centre Lower Lane Fazakerley Liverpool L9 7LJ United Kingdom	Local contact Wallis Hayes	Neurobiochemistry Neuroimmunology Neuropathology	A
Address Theatre Suite Hot Lab The Walton Centre Lower Lane Fazakerley Liverpool L9 7LJ United Kingdom	Local contact Wallis Hayes	Stereotactic biopsies	B



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	<u>BIOCHEMISTRY</u>		
	<u>Biochemical examination activities for the purposes of clinical diagnosis:</u>	In house documented procedures based on equipment manuals and standard methods as specified below:	
Serum	Quantification of anti-epileptic drug levels:	By liquid chromatography tandem mass spectrometry using Waters Aquity Xevo TQ-S Micro with reference to SOPs BSMS1 & BSM10 and:	A
	Lamotrigine	SOP BSMS3	
	Total phenytoin	SOP BSMS2	
	Free phenytoin	SOP BSMS7	
	Carbamazepine	SOP BSMS2	
	Carbamazepine epoxide	SOP BSMS2	
	Phenobarbital	SOP BSMS2	
	Valproate	SOP BSMS2	
	Pregabalin	SOP BSMS5	
	Levetiracetam	SOP BSMS3	
	Topiramate	SOP BSMS6	
Serum	Midazolam	SOP BSMS4	
	Quantification of:	Roche Cobas c311 SOP BSR20	A
Serum & CSF	Total protein		
Serum, plasma & CSF	Glucose		
Serum	Albumin		
CSF	Lactate		



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	BIOCHEMISTRY (cont'd) <u>Biochemical 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:	
CSF	Quantification of: Albumin	Siemens BN Prospec SOP BSR4	A
Serum & CSF	IgG		
Serum	IgA		
Serum	IgM		
Fluid & serum	Beta trace protein	Siemens BN Prospec SOP BSR22	A
Serum		Gel electrophoresis using Helena SAS-1plus & SAS-2 equipment with reference to and the following: SOP BSP2	A
	Detection of normal and abnormal protein electrophoretic patterns		
	Detection of IgG, IgA and IgM heavy chains, and kappa & lambda light chains	SOP BSP4	
Fluid & serum	Detection of Beta-2-transferrin	In house assay using Gel electrophoresis and immunochemical detection using Helena SAS-1plus SOP BSP1	A
CSF & serum	Detection of oligoclonal bands	In house assay using Isoelectric focusing using Pharmacia Biotech and immunoblotting SOP BSP3	A
CSF	CSF cell count and differential	Manual microscopy using Leica DM2000 microscope SOP BSR11	A



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	BIOCHEMISTRY (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:	
CSF	Biochemical examination activities for the purposes of clinical diagnosis: (cont'd) Detection of bilirubin (Xanthochromia)	By spectrophotometry using Analytik Jena SPECORD 210 Plus UV-Visible Spectrophotometer SOP BSR2	A
HUMAN BODY FLUIDS	IMMUNOLOGY	In house documented procedures based on equipment manuals and standard methods as specified below:	
	Immunological examination activities for the purposes of clinical diagnosis:	Radioimmunoassay using Wizard Gamma Counter with reference to:	A
	Quantification of:		
Serum	Antibodies to voltage gated calcium channels (VGCC)	SOP IS16	
Serum	Antibodies to acetyl choline receptor (AChR)	SOP IS6	
Serum	Antibodies to muscle specific kinase (MuSK)	SOP IS28	
		Recombinant immunoblot with reference to:	A
CSF & Serum	Paraneoplastic antibodies: Hu, Yo, Ri, CV2, amphiphysin, Ma1, Ma2, Tr, SOX-1, GAD65, Zic4, Titin, Recoverin, Protein Kinase C Gamma	RAVO PNS14 kit SOPs IS14, IS2 & IS3	



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	IMMUNOLOGY (cont'd) <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: ELISA using Biochrom EZ Read LED Microplate reader SOP IS39	
Serum	Detection of: Glycolipid /ganglioside antibodies (GM1, GM2, GD1a, GD1b, GQ1b)	In-house ELISA method SOP IS20	A
Serum	Qualitative detection of: Antibodies to myelin associated glycoprotein (MAG)	Buhlman anti-MAG ELISA kit SOP IS24 & IS39	A
		Immunofluorescence using the EUROStar III plus Euroimmune microscope with reference to:	A
Serum & CSF	Detection of: NMDA Receptor Antibodies	SOP IS32 & IS37	
Serum & CSF	Antibodies to LGI1 and CASPR2	SOP IS35 & IS37	
Serum	Antibodies to IgLON5	SOP IS36 & IS37	
Serum & CSF	Antibodies to GABA-B	SOP IS37	
Serum	Antibodies to AMPA1 & 2 and DPPX	SOP IS37	



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>HUMAN BODY TISSUES Fixed, fresh and frozen tissue; neuropathology tissue samples (brain biopsies, skull bone, spinal biopsies, temporal artery, nerve & muscle)</p> <p>Intraoperative Quick Smears/Frozen Sections</p> <p>Serial Stereotactic Preparations</p> <p>Formalin fixed paraffin embedded tissue (FFPE Tissue) unless otherwise stated:</p>	<p><u>NEUROPATHOLOGY</u></p> <p><u>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis</u></p>	<p>Macroscopic and Microscopic examination using in house documented procedures based on equipment manuals and standard methods as specified below:</p> <p><u>Specimen dissection</u> <u>HSB53</u></p> <p><u>Tissue Sectioning</u></p> <p>Documented in-house procedure HSB58</p>	<p>A</p> <p>A</p>
	Nuclei and other cellular components	SOP HSIN11 by manual H&E stain	A
	Nuclei and other cellular components	SOP HSIN13 – Serial stereotactic preparation and reporting H&E Stain	B
	<p>Special stains</p> <p>Detection of:</p> <p>Acid mucins</p> <p>Acid and neutral mucins</p>	<p>Documented in-house procedure by manual staining</p> <p>SOP HSS1 – Alcian Blue</p> <p>SOP HSS2 – Alcian Blue / PAS Technique</p>	A



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>HUMAN BODY TISSUES Fixed, fresh and frozen tissue; neuropathology tissue samples (brain biopsies, skull bone, spinal biopsies, temporal artery, nerve & muscle) (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE Tissue) unless otherwise stated:</p>	<p><u>NEUROPATHOLOGY</u> (cont'd)</p> <p><u>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis</u> (cont'd)</p> <p>Special stains</p> <p>Detection of:</p> <p>Amyloid</p> <p>Neurones</p> <p>Elastin fibres</p> <p>Gram positive or negative bacteria</p> <p>Fungi</p> <p>Basophilic and eosinophilic structures</p> <p>Myelin and other CNS structures</p> <p>Connective tissue</p> <p>Connective tissue</p> <p>Fibrin</p> <p>Ferric iron salts</p> <p>Glycogen and other periodase-reactive carbohydrates</p>	<p>Macroscopic and Microscopic examination using in house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>Documented in-house procedure by manual staining</p> <p>SOP HSS4 – Congo Red (Higmans)</p> <p>SOP HSS5 - Cresyl Violet Acetate</p> <p>SOP HSS6 – Elastic Van Gieson</p> <p>SOP HSS9 – Gram stain</p> <p>SOP HSS8 – Grocott Hexamine Silver technique</p> <p>SOP HSS11 – Haematoxylin and Eosin</p> <p>SOP HSS12 – Modified Luxol Fast Blue</p> <p>SOP HSS16 – Masson Trichrome Technique</p> <p>SOP HSS29 – Van Gieson</p> <p>SOP HSS17 – MSB technique</p> <p>SOP HSS21 – Perls Prussian Blue</p> <p>SOP HSS20 – Periodic Acid Schiff with and without Diastase (PAS/DPAS)</p>	A



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>HUMAN BODY TISSUES Fixed, fresh and frozen tissue; neuropathology tissue samples (brain biopsies, skull bone, spinal biopsies, temporal artery, nerve & muscle) (cont'd)</p> <p>Formalin fixed paraffin embedded tissue (FFPE Tissue) unless otherwise stated: (cont'd)</p> <p>Muscle biopsy frozen sections</p>	<u>NEUROPATHOLOGY</u> (cont'd)	Macroscopic and Microscopic examination using in house documented procedures based on equipment manuals and standard methods as specified below:	A
	<u>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis</u> (cont'd)		
	Special stains (cont'd)	Documented in-house procedure by manual staining	
	Detection of: (cont'd)		
	Reticulin	SOP HSS23 - Reticulin method (Gordon & Sweets)	A
	Myelin	SOP HSS24 – Solochrome Cyanine	
	TB	SOP HSS26 – Ziehl Neelsen stain	
	Muscle Biopsy service	<u>Preparation of sample</u> HSM1 – receipt and preparation of muscle tissue HMS3 – Frozen Section Protocol – Muscle biopsies	
		Enzyme histochemistry using:	
	Demonstration of lipofushin	SOP HSM12 - Acid Phosphatase	
	Fibre typing	SOP HSM13 by– Myofibrillar ATPase	
	Mitochondrial complexes	SOP HSM11 – Cytochrome oxidase	
	Mitochondrial complexes	SOP HSM8 by Muscle Tinctorial using Gomori Trichrome	
	Basophilic and eosinophilic structures	SOP HSM5 - Haematoxylin and Eosin	



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>HUMAN BODY TISSUES Fixed, fresh and frozen tissue; neuropathology tissue samples (brain biopsies, skull bone, spinal biopsies, temporal artery, nerve & muscle) (cont'd)</p> <p>Muscle biopsy frozen sections (cont'd)</p>	<u>NEUROPATHOLOGY</u> (cont'd)		
	<u>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis</u> (cont'd)	Macroscopic and Microscopic examination using in house documented procedures based on equipment manuals and standard methods as specified below:	
	Muscle Biopsy service (cont'd)	Enzyme histochemistry using: (cont'd)	A
	Lipids	SOP HSM7 – Oil Red O	
	NADH	SOP HSM9 - NADH	
	Phosphorylase activity	SOP HSM16 – Phosphorylase	
	Glycogen and other periodase-reactive carbohydrates	SOP HSM6 – Periodic Acid Schiff with and without Diastase (PAS/DPAS)	
	Phosphofructokinase	SOP HSM14 - Phosphofructokinase	
	SDH activity	SOP HSM10 – Succinic dehydrogenase	
	Cytochrome oxidase / SDH activity	SOP HSM17 COX / SDH	
	Special stain techniques for detection of:	Documented in-house procedure by manual staining	A
	Myodenylate activity	SOP HSM15 – Myodenylate deaminase	



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>HUMAN BODY FLUIDS AND TISSUES</p> <p>Formalin fixed paraffin embedded tissue (FFPE Tissue and muscle) unless otherwise stated:</p>	<p><u>IMMUNOHISTOCHEMISTRY</u></p> <p>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of clinical diagnosis</p> <p>Neuro protein</p> <p>Pituitary hormone</p> <p>Alzheimer Precursor Protein</p> <p>Neuro protein</p> <p>Gliomas</p> <p>Transcription factor for chordomas & heamangioblastomas</p> <p>Epithelial cells – metastatic disease</p> <p>CD1a positive cells</p> <p>Leukaemia antigen, clear cell renal carcinomas</p> <p>Vascular neoplasm</p> <p>Vascular epithelium</p> <p>Neuroectodermal cells, neurones, astrocytes</p> <p>B cells</p> <p>Plasma cell differentiation</p> <p>GI carcinoma marker</p> <p>Epithelial malignancy</p> <p>Neuroendocrine tumours</p>	<p>Automated immunohistochemical staining methods using Roche Ventana Benchmark Ultra SOP HSB59</p> <p>Alpha synuclein</p> <p>ACTH</p> <p>APP</p> <p>β-Amyloid (BAM)</p> <p>ATRX</p> <p>Brachyury</p> <p>CAM</p> <p>CD1a</p> <p>CD10</p> <p>CD31</p> <p>CD34</p> <p>CD56</p> <p>CD79a</p> <p>CD138</p> <p>CDX2</p> <p>CEA</p> <p>Chromogranin</p>	A



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>IMMUNOHISTOCHEMISTRY</u> (cont'd)		A
Formalin fixed paraffin embedded tissue (FFPE Tissue and muscle) unless otherwise stated: (cont'd)	<u>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of clinical diagnosis</u> (cont'd)	Automated immunohistochemical staining methods using Roche Ventana Benchmark Ultra SOP HSB59	
	Squamous cell differentiation	CK 5/6	
	Glandular and transitional epithelial cells	CK7	
	Gastric and intestinal epithelial cells	CK20	
	Ewings sarcoma	Ewing's (CD99)	
	Epithelial cells	EMA	
	Estrogen receptor	ER	
	Pituitary hormone	FSH	
	Transcription factor for primary carcinomas (e.g. breast & bladder)	GATA-3	
	Astrocytic protein	GFAP	
	Pituitary hormone	GH	
	Melanocytes	HMB45	
	Isocitrate dehydrogenase 1	IDH1	
	Atypical teratoid rhabdoid tumours	INI 1a	
	Proliferating cells	Ki67	
	Lymphoid	LCA	
	Pituitary hormone	LH	



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>IMMUNOHISTOCHEMISTRY</u> (cont'd)		A
Formalin fixed paraffin embedded tissue (FFPE Tissue and muscle) unless otherwise stated: (cont'd)	<u>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of clinical diagnosis</u> (cont'd)	Automated immunohistochemical staining methods using Roche Ventana Benchmark Ultra SOP HSB59	
	Diffuse midline gliomas	H3K27M	
	Histone-H3 (tri-methyl k27)	H3K27ME3	
	Sex-cord tumours	Inhibin Alpha	
	Melanocytes	Melan A	
	Epithelial Cells	MNF116	
	Myelin Basic Protein	MBP	
	Neuronal nuclei protein	NeuN	
	Axons	NFP	
	Transcription factor for primary carcinomas (e.g. ovarian, renal, renal, thyroid)	PAX-8	
	Growth Hormone Factor	PIT-1	
	Oligodendrocyte and motor neuron specification	OLIG2	
	Progesterone receptor	PR	
	Pituitary hormone	Prolactin	
	Prostate neoplasm	PSA	
	Tumour suppression	P53	
	Neuroendocrine marker	Synaptophysin	
	Melanoma, glial cells	S100	
	Steroidogenic factor 1	SF1	



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>IMMUNOHISTOCHEMISTRY</u> (cont'd)		A
Formalin fixed paraffin embedded tissue (FFPE Tissue and muscle) unless otherwise stated: (cont'd)	<u>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of clinical diagnosis</u> (cont'd)	Automated immunohistochemical staining methods using Roche Ventana Benchmark Ultra SOP HSB59	
	Muscle derived actin	Smooth Muscle Actin	
	Solitary fibrous tumour	STAT6	
	Tangles in neurones	TAU	
	DNA binding protein for frontotemoral lobar degeneration	TDP43	
	Thyroid	Thyroglobulin	
	T-Pit antigen in pituitary-derived tumours	T-PIT	
	Pituitary hormone	TSH	
	Lung and thyroid	TTF-1	
	Inclusions in neurodegenerative disease	Ubiquitin	
	T cells in mantle zone	CD3	
	T cells	CD4 & CD8	
	Macrophages	CD68	
	B cells-lymphoma	L26	
	Smooth and striated muscle	Desmin	
	Mesenchymal cells	Vimentin	



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>IMMUNOHISTOCHEMISTRY</u> (cont'd)		A
Frozen sections of muscle	<u>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of clinical diagnosis</u> (cont'd)	Automated immunohistochemical staining methods using Roche Ventana Benchmark Ultra SOP HSB59	
	Membrane attack complex	C5b-9	
	T cells	CD3	
	T-helper cells	CD4	
	Cytotoxic/Suppressor T cells	CD8	
	B cells	CD20	
	Macrophages / monocytes	CD68	
	Localisation of muscle protein	Dysferlin	
	Localisation of muscle protein	Dystrophin 1	
	Localisation of muscle protein	Dystrophin 2	
	Localisation of muscle protein	Dystrophin 3	
	Localisation of muscle protein	Emerin	
	B cells	HLA-1	
	Compliment protein	HLA-DR	
	Glycoproteins for Muscular Dystrophy	Laminin B1	
	Glycoproteins for Muscular Dystrophy	Laminin B2	
	Laminin α -2 chain	Merosin	
	Type IIa & IIb muscle fibres	Fast Myosin	
	Type I muscle fibres	Slow Myosin	



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>IMMUNOHISTOCHEMISTRY</u> (cont'd)		A
Frozen sections of muscle (cont'd)	<u>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of clinical diagnosis</u> (cont'd)	Automated immunohistochemical staining methods using Roche Ventana Benchmark Ultra SOP HSB59	
	Neonatal muscle fibre types	Neonatal Myosin	
	Protein Aggregates and inclusions	Myotilin	
	Inclusion bodies	P62	
	Limb Girdle Muscular Dystrophy	Alpha-Sarcoglycan Beta-Sarcoglycan Delta-Sarcoglycan Gamma-Sarcoglycan	
	DNA binding protein for inclusion bodies	TDP43	
	Neuronal marker	Utrophin	
	Muscle Fibre Regeneration	Vimentin	



8642
Accredited to
ISO 15189:2022

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

The Walton Centre NHS Foundation Trust
Issue No: 015 Issue date: 22 May 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES	<u>CYTOLOGY</u> <u>Examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of diagnosis</u>	Macroscopic and Microscopic examination using in house documented procedures based on equipment manuals and standard methods as specified below: SOP HSCY1 by manual staining method using Tinctorial stain with haematoxylin and eosin	A
CSF		SOP HSCY13 by manual staining method using Tinctorial stain with haematoxylin and eosin	A
	<u>Electron Microscopy Service</u>	<u>Preparation of sample</u> SOP HSEM1 Preparation and processing of specimens SOP HSEM2 Making glass knives for cutting EM specimens	A
Resin- embedded tissue		SOP HSEM3 Ultramicrotomy sample preparation for Transmission electron microscopy using Leica UC7 Ultramicrotome	
Resin- embedded tissue: Muscle biopsy specimens, Peripheral Nerve biopsy specimens and Tumour biopsy specimens	Examination of tissues to identify or exclude ultrastructural morphological abnormalities for the purpose of diagnosis.	<u>Ultrastructural examination</u> SOP HSEM5 Electron microscopy Nanosprint 12 Digital Camera and software	A
END			