Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

28984

Accredited to ISO 15189: 2022

Synnovis Analytics LLP

Issue No: 005 **Issue date:** 19 December 2025

Synnovis Analytics LLP
Multi-omic Medicine Service
Academic Neuroscience Centre and Institute of Liver Studies
King's College Hospital
Denmark Hill
SE5 9RS

Contact: Elentina Gjoni
Tel: +44 (0)20 32992375
E-Mail: Elentina.gjoni@synnovis.co.uk
Website: https://www.synnovis.co.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
Molecular Neuropathology Academic Neuroscience Centre and Institute of Liver Studies King's College Hospital Denmark Hill SE5 9RS	**Local contact** Elentina Gjoni (contact details above)	Molecular Neuropathology testing including classification of brain tumours	MNL
Liver Molecular Genetics Institute of Liver Studies King's College Hospital Denmark Hill SE5 9RS	**Local contact** Elentina Gjoni (contact details above)	Molecular genetics testing for rare and inherited liver diseases	LMG

28984
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

Synnovis Analytics LLP

Issue No: 005 **Issue date:** 19 December 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 TISSUES AND FLUIDS	Molecular Genetics activities for the purpose of clinical diagnosis	In house documented methods incorporating manufacturers' instructions as required	
Formalin fixed paraffin embedded (FFPE) and fresh (F) tissue	DNA/RNA Extraction, quantification and quality check for subsequent in-house analysis (see below)	Automated DNA/RNA extraction using AllPrep Qiagen kit and Qiagen QiaCube, MMS-SOP-1 and MMS-SOP-3	MNL
		Automated DNA extraction using Qiagen EZ1 DNA Tissue Kit and Qiagen EZ1 Advanced XL, MMS-SOP3	
	Nucleic Acid quantitation	DNA/RNA quantitation using Qubit dsDNA broad range (BR) Assay Kits; Qubit dsDNA high sensitivity (HS) Assay Kits; Qubit™ RNA Broad Range (BR) Assay Kits And Qubit 2.0 Fluorometer MMS-SOP-5	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont.)	Molecular Genetics activities for the purpose of clinical diagnosis	In house documented methods incorporating manufacturers' instructions as required	
Genomic DNA extracted in house from the sample types listed above	Classification of brain tumours based on methylation status Generation of IDA7 files using iScan onboard software	DNA extraction, using Bisulfite conversion and FFPE restore Methylation array v2 set up using Illumina EPIC array., Applied Biosystems Veriti 96W Thermal Cycler, and Illumina iScan. Hybex macro sampler incubator MMS-SOP-4, MMS-SOP-5, MMS-SOP-6 and MMS-SOP-10 MMS-SOP-14	MNL
	Tumour classification	Heidelberg Classifier software v12.8 locally installed	
Genomic DNA extracted in house from the sample types listed above	MGMT promoter methylation	Pyrosequencing using Bisulfite conversion Applied Biosystems Veriti 96W Thermal Cycler, Qubit Fluorometer for DNA quantification, and Qiagen PyroMark Q24 using Therascreen MGMT Pyro kit MMS-SOP-5, MMS-SOP-7, MMS-SOP-9	MNL

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont.)	<u>Molecular Genetics activities for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions as required	
Genomic DNA and RNA extracted in-house from sample types listed above	Detection of SNVs, CNVs and structural variants in neurological cancers Somatic Paediatric Neurological Tumours Panel v5.0 Somatic Adult Neurological Tumours Panel v5.0 Germline Neurological Tumours Panel v5.0 RNA Neurological Tumours Panel v5.0	Next generation sequencing using: Qiagen QiaSeq Targeted DNA and RNA multimodal capture, DNA library preparation using Qiaseq multimodal method and Hamilton Microlab Star Liquid Handling Robot, Applied Biosystems Veriti 96W Thermal Cycler, and sequencing using NextSeq2000 Illumina Sequencer SOPs: MMS-SOP-11 Qubit Fluorometer for DNA quantification using MMS-SOP-5 Quantity and Quality assessment using Aligent 4200 Tapestation and MMS-SOP-15 Analysis of next generation sequencing data using Snappy and SQVD interface. Variant scoring and sharing using VASA. MMS-SOP-13.	MNL
Externally generated DNA sequence data	Detection of SNVs, CNVs from tumour germline derived samples	Data analysis, interpretation and reporting of whole genome sequencing data produced by Illumina and Genomics England using GenAsist and MMS-SOP-16	MNL

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont.)	Molecular Genetics activities for the purpose of clinical diagnosis	Documented in-house methods incorporating manufacturer's instructions (where relevant)	
Genomic DNA	DNA quantification	NanodropOne for DNA Quantification	LMG
Genomic DNA extracted in-house from the sample types listed above or received as primary sample type from an external source	*DNA variant detection (substitutions and small indels)* *Cholestasis (R171)* *Wilsons Disease (R172)* *Polycystic liver disease (R173)* *Pancreatitis (R175)* *Gilbert Syndrome (R176)* *Hirchsprung disease (R177)* *Intestinal failure/Congenital diarrhoea (R331)*	Analysis of PCR amplified DNA by Sanger sequencing to identify abnormal sequences using PCR Veriti, ABI 3730, Tapestation 4200, Qubit fluorimeter and Illumina MiSeq. Amplicon PCR and agarose gel electrophoresis followed by Sanger sequencing. Using SOP: LP-LMG-SOP-33 LP-LMG-SOP-30 LP-LMG-SOP-32 LP-LMG-SOP-15 LP-LMG-SOP-31 LP-LMG-SOP-34 LP-LMG-SOP-27 LP-LMG-SOP-35 LP-LMG-SOP-23 LP-LMG-SOP-15	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont.)	Molecular Genetics activities for the purpose of clinical diagnosis	Documented in-house methods incorporating manufacturer's instructions (where relevant)	
Genomic DNA extracted in-house from the sample types listed above or received as primary sample type from an external source	*DNA variant detection for clinical indications in the NHSE National Genomic Test Directory for Rare and Inherited diseases:* *Cholestasis (R171)* *Wilsons Disease (R172)* *Polycystic liver disease (R173)* *Pancreatitis (R175)* *Gilbert Syndrome (R176)* *Hirchsprung disease (R177)* *Intestinal failure/Congenital diarrhoea (R331)*	Analysis of PCR amplified DNA by Next Generation Sequencing (NGS) (Automated with manual backup) to identify variant sequences using PCR Veriti, Qubit fluorimeter, Tapestation 4200, Agilent Magnis NGS Prep System and Illumina Miseq and SQVD (bioinformatics) Using SOP: LP-LMG-SOP-23 LP-LMG-SOP-54 LP-LMG-SOP-56 LP-LMG-SOP-55	LMG
	Gene/exon copy number variation detection using qPCR Inherited conditions-detection of clinically relevant nucleic acid sequence variants (including SNVs, indels, CNVs down to exon level)	Documented in house methods incorporating manufacturers methods where relevant. Analysis of copy number variation in NGS reads followed by confirmation using qPCR on an ABI StepOnePlus platform. Applied Biosystems StepOnePlus LP-LMG-SOP-48 LP-LMG-SOP-46	LMG
DNA extracted from Whole Blood EDTA	APOL1 genotyping	Thermo Fisher TaqMan Assay (using primers developed in house to target area of interest) qPCR using ABI StepOnePlus platform SOP: GEN-KD-LMG-SOP1	LMG
END			