


Schedule of Accreditation

issued by

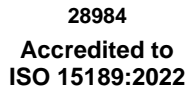
United Kingdom Accreditation Service

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

 28984 Accredited to ISO 15189:2022	Synnovis Analytics LLP	
	Issue No: 002 Issue date: 28 October 2024	
	Synnovis Analytics LLP Molecular Neuropathology Laboratory Institute of Liver Studies King's College Hospital Denmark Hill SE5 9RS	Contact: Elentina Gjoni Tel: +44 (0)20 32992375 E-Mail: Elentina.gjoni@nhs.net Website: https://www.synnovis.co.uk/departments-and-laboratories/molecular-neuropathology
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 TISSUES AND FLUIDS	<u>Genomic analysis for the purpose of clinical diagnosis of cancer</u>	In house documented methods incorporating manufacturers' instructions as required
Formalin fixed paraffin embedded (FFPE) and fresh frozen (FF) 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
	Nucleic Acid quantitation	Automated DNA extraction using Qiagen EZ1 DNA Tissue Kit and Qiagen EZ1 Advanced XL, MMS-SOP3 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



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<p>HUMAN TISSUES AND FLUIDS (cont.)</p> <p>Genomic DNA and RNA extracted in-house from sample types listed above</p> <p>Externally generated DNA sequence data</p>	<p><u>Genomic analysis for the purpose of clinical diagnosis of rare disease and cancer</u></p> <p>Gene screening for targeted neurological cancer gene panels:</p> <p>Somatic Paediatric Neurological Tumours Panel v5.0</p> <p>Somatic Adult Neurological Tumours Panel v5.0</p> <p>Germline Neurological Tumours Panel v5.0</p> <p>RNA Neurological Tumours Panel v5.0</p> <p>Data analysis and interpretation of whole genome sequencing</p>	<p>In house documented methods incorporating manufacturers' instructions as required</p> <p>Next generation sequencing of target cancer panels using Qiagen QiaSeq Targeted DNA and RNA panels, DNA library preparation using Qiaseq multimodal method and Hamilton Microlab Star Liquid Handling Robot, Applied Biosystems Veriti 96W Thermal Cycler, and 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</p> <p>Next generation sequencing data analysis using Snappy pipeline with data displayed in variant database SQVD. Variant scoring and sharing using VASA. MMS-SOP-13.</p> <p>Analysis, interpretation and reporting of whole genome sequencing data produced by Illumina and Genomics England using GenAsist and MMS-SOP-16</p>
END		