Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



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</u> purpose of clinical diagnosis of <u>cancer</u>	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 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		

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Synnovis Analytics LLP

Issue No: 003 Issue date: 16 July 2025

Accredited to ISO 15189:2022

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUES AND FLUIDS (cont.)	<u>Genomic analysis for the</u> <u>purpose of clinical diagnosis of</u> <u>rare disease and cancer</u>	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
	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



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HUMAN TISSUES AND FLUIDS (cont.)	<u>Genomic analysis for the</u> purpose of clinical diagnosis of rare disease and cancer	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	
Externally generated DNA sequence data	Detection of SNVs, CNVs from tumour germline derived samples	MMS-SOP-13. Data analysis, interpretation and reporting of whole genome sequencing data produced by Illumina and Genomics England using GenAsist and MMS-SOP-16	
END			