Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

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Accredited to ISO 15189:2022

St George's University Hospitals NHS Foundation Trust

Issue No: 006 **Issue date:** 01 August 2025

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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 TISSUE AND FLUIDS	Genomic analysis for the purpose of clinical diagnosis of rare disease and cancer	Documented in-house methods incorporating manufacturer's instructions (where relevant)
NGS Sequence data (RPKM analysed data) received from an external source	Determination of copy number changes* [*definitive list of targets assessed to be held by this laboratory]	Dosage interpretation using RPKM analysed data GEN-MOL-LAB-41 Interpretation of RPKM analysed data GEN-MOL-GEN-01 – molecular genetics analysis, checking and reporting.
NGS Sequence data (ExomeDepth analysed data) received from an external source	Determination of copy number changes* [*definitive list of targets assessed to be held by this laboratory]	Dosage interpretation using ExomeDepth analysed data GEN-MOL-LAB-45 ExomeDepth
Sequence data (raw) received from an external source	Detection of nucleic acid sequence variant - SNVs and Indels* [*definitive list to be held by this laboratory]	Sanger sequencing analysis using Mutation Surveyor and Alamut GEN-MOL-LAB-14 – analysis of sequencing data GEN-MOL-LAB-15 – Alamut software GEN-MOL-GEN-01 – molecular genetics analysis, checking and reporting GEN-MOL-GEN-04 Research Confirmations

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUE AND FLUIDS (cont'd)	Genomic analysis for the purpose of clinical diagnosis of rare disease and cancer (cont'd)	Documented in-house methods incorporating manufacturer's instructions (where relevant)
NGS data (raw) received from an external source	Detection of point mutations and small insertions and deletions of nucleotides* [*definitive list to be held by this laboratory]	NGS Analysis using Alamut and Congenica software GEN-MOL-GEN-01 – molecular genetics analysis, checking and reporting. GEN-MOL-LAB-15 – Alamut software GEN-MOL-LAB-40 NGS data analysis using Congenica GEN-MOL-LAB-36 Interpretation of sequence variants
Cell Free DNA extracted from maternal blood	Non-invasive prenatal screening test : • Detection of trisomy 21,18 and 13 and fetal sexing	CE Marked IONA NX test using Yourgene SP150 Yourgene QS250 Illumina NEXTSeq 550 Dx IONA computer – Atlas Workflow Manager Software MyNIPT Portal SOPs GEN-SAFE-LAB20 Automated IONA Nx Extraction using the SP150 GEN-SAFE-LAB21 Automated IONA Nx Library Preparation using the SP150 and QS250 GEN-SAFE-LAB22 IONA Nx Sequencing using the NextSeq 550Dx
END		