


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

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|  <p>UKAS MEDICAL 10742</p> <p>Accredited to ISO 15189:2022</p> | <p align="center">UK Health Security Agency, an Executive Agency of the Department of Health and Social Care</p> <p align="center">Issue No: 005 Issue date: 09 April 2026</p> | |
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| <p>Testing performed at the above address only</p> | | |

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---------------------------|---|---|
| HUMAN BODY SAMPLES | <p><u>Bioinformatics examinations to support the purposes of clinical diagnosis</u></p> <p>Data pre-processing, quality trimming for later and reporting for clinical diagnosis</p> | <p>Mapping of NGS sequences to reference gene sets using standard methods and in-house algorithms.</p> <p>Data processing using Trimmomatic software and in house kmer-based speciation tool.</p> <p>Next Generation Sequencing (NGS) inhouse pipeline:</p> |
| Microbial DNA sequences | <p>Determination of MLST</p> <p>Molecular serotyping of S. pneumoniae</p> <p>Identification of monophasic Salmonella typhi</p> | <p>campylobacter-jejuni-group-typing.ngsservice listeria-typing.ngsservice salmonella-typing.ngsservice staphylococcus-aureus-typing.ngsservice</p> <p>streptococcus-pneumoniae-typing.ngsservice</p> <p>salmonella-typing.ngsservice</p> |



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Issue No: 005 Issue date: 09 April 2026

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| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|----------------------------------|---|---|
| HUMAN BODY SAMPLES (cont'd) | <u>Bioinformatics examinations to support the purposes of clinical diagnosis</u> (cont'd) | Mapping of NGS sequences to reference gene sets using standard methods and in-house algorithms. |
| | Data pre-processing, quality trimming for later and reporting for clinical diagnosis (cont'd) | Data processing using Trimmomatic software and in house kmer-based speciation tool. (cont'd) |
| Microbial DNA sequences (cont'd) | Anti-microbial resistance inference | Next Generation Sequencing (NGS) inhouse pipeline: campylobacter-jejuni-group-typing.ngsservice escherichia-coli-typing.ngsservice listeria-typing.ngsservice salmonella-typing.ngsservice staphylococcus-aureus-typing.ngsservice streptococcus-pneumoniae-typing.ngsservice |
| | STx prediction (E.coli) | escherichia-coli-typing.ngsservice |
| | Eburst group determination (salmonella, S. aureus) | salmonella-typing.ngsservice staphylococcus-aureus-typing.ngsservice |
| | Identification of Mycobacteria spp. | Inhouse TB pipeline |
| | TB anti mycobacterial resistance prediction | Inhouse TB Pipeline |
| | Relatedness of TB sequences | Inhouse TB pipeline |
| | Data pre-processing, quality trimming and ID confirmation. | Data processing using Trimmomatic software and in house kmer-based speciation tool. |
| | Relatedness of strains by genome comparison. S. enterica E.coli S. aureus | Next Generation Sequencing (NGS) inhouse Pipeline: escherichia-coli-typing.ngsservice salmonella-typing.ngsservice staphylococcus-aureus-typing.ngsservice |
| END | | |