


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO 15189:2022	UK Health Security Agency, An Executive Agency of the Department of Health and Social Care	
	Issue No: 008 Issue date: 18 October 2024	
	National Mycobacterial Reference Service South 61 Colindale Avenue Colindale London NW9 5EQ	Contact: Lucy Taylor Tel: +44 (0)20 8327 7708 E-Mail: lucy.taylor@ukhsa.gov.uk Website: https://www.gov.uk/government/organisations/uk-health-security-agency
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	<u>Microbiology examination activities for the purposes of clinical diagnosis</u>	In-house documented procedures following current UK Standards for Microbiological Investigations (SMIs) in conjunction with manufacturer's instructions (where applicable)
Body fluids, tissues, respiratory samples, swabs	Isolation of <i>Mycobacterium</i> spp. and other acid/alcohol fast bacilli of clinical significance	Liquid culture system – BD Bactec MGIT System and in-house procedures: MYRU183 MYRU184 MYRU168
	Isolation of <i>Mycobacterium</i> spp. and other acid/alcohol fast bacilli of clinical significance	Manual culture methods using Löwenstein-Jensen (LJ) slopes and Kirschner's medium and in-house procedures: MYRU060 MYRU168 MYRU163
Body fluids, tissues, respiratory samples, swabs	Detection of acid/alcohol fast bacilli (AAFB)	Manual staining using Ziehl-Neelsen (ZN) and Auramine (Au) and light or fluorescence microscopy and in-house procedures: MYRU183 MYRU184 and: Olympus Microscope Model: BX41TF



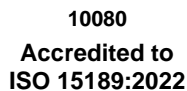
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HUMAN TISSUE AND FLUIDS (cont'd)	<u>Microbiology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures following current UK Standards for Microbiological Investigations (SMIs) in conjunction with manufacturer's instructions (where applicable)
Positive culture material (in-house or from external laboratory)	Susceptibility testing of <i>Mycobacterium</i> spp. using the following antimicrobials: Amikacin Capreomycin Kanamycin Linezolid Moxifloxacin Levofloxacin Prothionamide Isoniazid Ethambutol Rifampicin	Liquid culture susceptibility methods using in-house procedures MYRU058 (first-, second- and third-line susceptibilities) and: BD BacTec MGIT 960



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HUMAN TISSUE AND FLUIDS (cont'd)	<u>Microbiology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures following current UK Standards for Microbiological Investigations (SMIs) in conjunction with manufacturer's instructions (where applicable)
Positive culture material (in-house or from external laboratory)	Mycobacterial DNA for submission for next generation sequencing	Manual extraction and purification MYRU174 Samples sequenced at UKHSA CSU (UKAS 8727)
Sequencing data from UKHSA CSU (UKAS 8727)	Identification of <i>Mycobacterium</i> spp. and susceptibility for: Rifampicin Isoniazid	MYRU181
Pulmonary samples and CSF	Detection of <i>Mycobacterium tuberculosis</i> complex and polymorphisms in the rpoB gene for rifampicin susceptibility	Nucleic Acid Amplification Test (PCR) using in-house procedures: MYRU078 Fastrack Analysis MYRU184 And: Cepheid GeneXpert using MTB/RIF assay
END		