

Mycobacterium Abscessus Sub-Speciation Service

Mycobacterium abscessus is a single species that encompasses three subspecies (M. abscessus subsp abscessus, M. abscessus, subsp massiliense and M. abscessus subsp bolletii), each associated with varying clinical outcomes. Sub-speciation and relatedness of isolates is performed at GOSH using bacterial whole genome sequencing and phylogenetic analysis. In addition, we can identify Single Nucleotide Polymorphisms (SNP's) that can be associated with high level resistance to Amikacin and Macrolides.

Mycobacterium abscessus sub-speciation is performed on pure isolates (not primary specimens). Please note that samples are batch-processed. Due to the varying frequency of requests, batches are currently processed every 3-4 months. Please contact us if your request is urgent.

This is not a UKAS accredited service.

Test Description	Specimen required	NHS Price	Non-NHS Price	Turnaround Time	Request Form
Mycobacterium abscessus sub-speciation	Pure M. abscessus isolates only	£210.92	£272.50	Variable	M. abscessus request form

Please send samples accompanied by request form to:

Microbiology Laboratory
Level 4, Camelia Botnar Laboratories
Great Ormond Street Hospital for Children
Great Ormond Street
London WC1N 3JH

Hays Dx: GOSH DX 6640203, Bloomsbury 91 WC

General and Technical Enquiries:

Laura Atkinson (Clinical Scientist)
Tel: 020 7405 9200 Ext 0437
Email: Laura.Atkinson@gosh.nhs.uk

Clinical Enquiries:

Dr Garth Dixon (Microbiology Consultant)
Tel: 020 7405 9200 Ext 8594
Email: Garth.Dixon@gosh.nhs.uk