



UK Health
Security
Agency

UK Standards for Microbiology Investigations (UK SMIs)

The UK SMIs are a comprehensive referenced collection of over 100 recommended algorithms and procedures for clinical microbiology.

Bacteriology



Bacteriology standards for the laboratory covering receipt of the sample in the laboratory to the issue of a report

Syndromic



Syndromic documents to help clinicians and diagnostic laboratory staff choose the correct approach for investigating a sample from a clinical setting

Virology



Virology standards for the laboratory covering receipt of the sample to the issue of the report

Quality



Documents describing essential laboratory methodologies to underpin quality, including assay validation and quality assurance

Test procedures

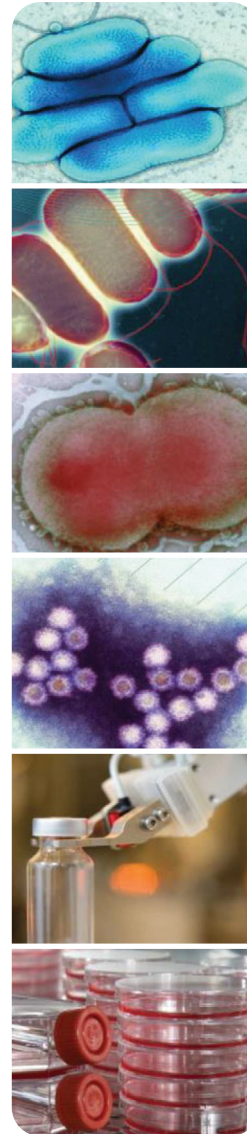


Test procedures outline the steps required to identify organisms

Identification



Documents to enable identification of organisms



Our aim

To standardise the microbiology investigations in the UK.

Our vision

To be leaders in providing evidence based standards for the investigation of infections.

Our values

To demonstrate excellence, transparency, efficiency, quality and responsiveness to the needs of users and partner organisations.

To find out more:



Search 'UK SMI' at
www.gov.uk



or contact the Standards Unit at
standards@phe.gov.uk



National Institute for Health and Care Excellence (NICE) has renewed accreditation of the process used by the UK Health Security Agency to produce UK Standards for Microbiology Investigations (UK SMIs). The renewed accreditation is valid until 30 June 2026 and applies to guidance produced using the processes described in 'UK Standards for Microbiology Investigations Development Process' (2021). The original accreditation term began on 1 July 2011.