



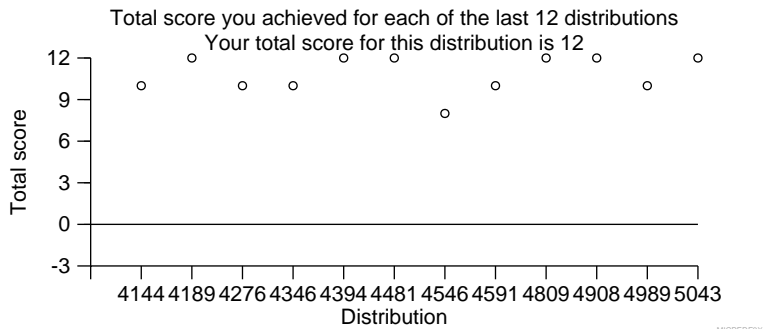
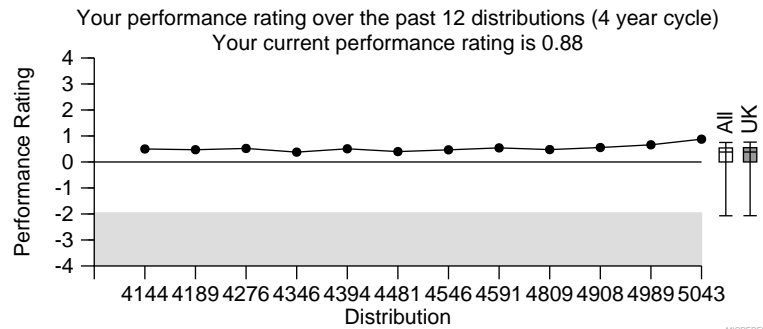
Intended Result	Your Report	Your Score
Specimen 6825 Direct detection overall report	Negative for MTBC	2
Detection post culture overall report	Negative for MTBC	2
Rifampicin resistance	Not relevant	2
Specimen 6826 Direct detection overall report	<i>Mycobacterium tuberculosis</i>	2
Detection post culture overall report	<i>Mycobacterium tuberculosis</i>	2
Rifampicin resistance	Resistant	2

Cumulative score information

Total number of specimens sent to you for **UK NEQAS for Mycobacteria (molecular)** over the last 3 distributions is 6
 For these distributions specimen numbers 6425 6426 6669 6670 6825 6826 have been sent.
 Number of specimens reported too late for analysis (not scored) 0
 Your cumulative score for the specimen/test combinations that you reported was 34 out of a possible total of 34
 The mean score calculated from the reports returned by **UK** laboratories testing the specimen/test combinations you examined was 31.74 (with a standard error of 2.57).

Performance rating

Your performance rating for **UK NEQAS for Mycobacteria (molecular)** (i.e. the number of standard errors by which your cumulative score lies above or below the mean for **UK** laboratories) is **0.88**.
 A performance rating of more than 1.96 standard errors below the mean indicates possible poor performance.
 Your performance rating may change if other participants' results are amended.
 No score penalty is incurred for non return of reports. However non reporting of results may be used as a measure of poor performance.



Comments: A total of 194 sets of specimens were distributed for testing with 178 participants returning results within the specified period. Due to the low number of participants reporting results against spoligotyping and VNTR, these results will no longer be included within the report.

Specimen 6825: MTBC (*M. tuberculosis*) not detected

Detection: The direct detection results for this specimen were very good, with 93.6% (160/171) participants correctly reporting MTBC not detected. For post culture detection, 93.8% (60/64) of participants correctly reported MTBC not detected.
 Rifampicin resistance testing was not applicable for this specimen.

Specimen 6826: MTBC detected (*M. tuberculosis*)

Detection: The direct detection results for this specimen was excellent, with 100% (169/169) participants correctly reporting MTBC detected. For post culture detection, 100% (70/70) of participants correctly reported MTBC detected.
 Rifampicin resistance testing: 98.1% (158/161) of participants correctly reported that the specimen was resistant to rifampicin.

Turn around time: The time taken to report your results was 2 days. This information is provided for your own use and does not form part of your performance assessment.

Enquiries: For repeat specimens please order using the web form stating your laboratory identification number, the distribution name and number, and specimen numbers.
 Any technical enquiries related to this distribution, please contact Shila Seaton at organiser@ukneqasmicro.org.uk. In-house test results are available should you experience a technical failure and wish to discuss the results.

Acknowledgements:

We thank colleagues from the National Mycobacterium Reference Service-South (NMRS-South), National Infection Service (NIS), UK Health Security Agency (UKHSA) for their kind assistance with source material and pre-distribution testing.

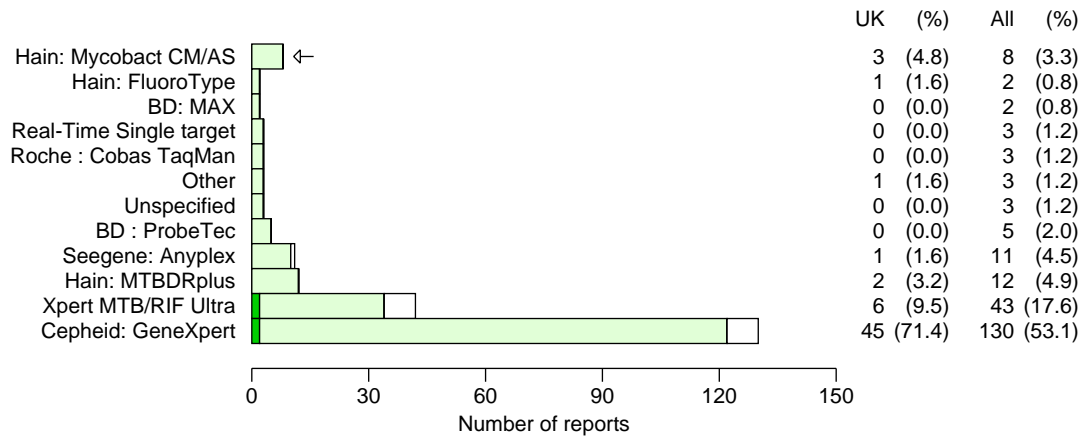
Report authorised by: Dr Jennifer Henderson, Scheme Organiser



Two specimens of freeze-dried simulated purulent sputa were dispatched with a request for the molecular detection of mycobacteria. Specimen 6825 was negative for *Mycobacterium tuberculosis* and contained the following commensals: *Streptococcus mitis* and *Streptococcus oralis*. Specimen 6826 contained viable *Mycobacterium tuberculosis* and no commensals.

Specimen : 6825

Direct detection: Mycobacteria not detected

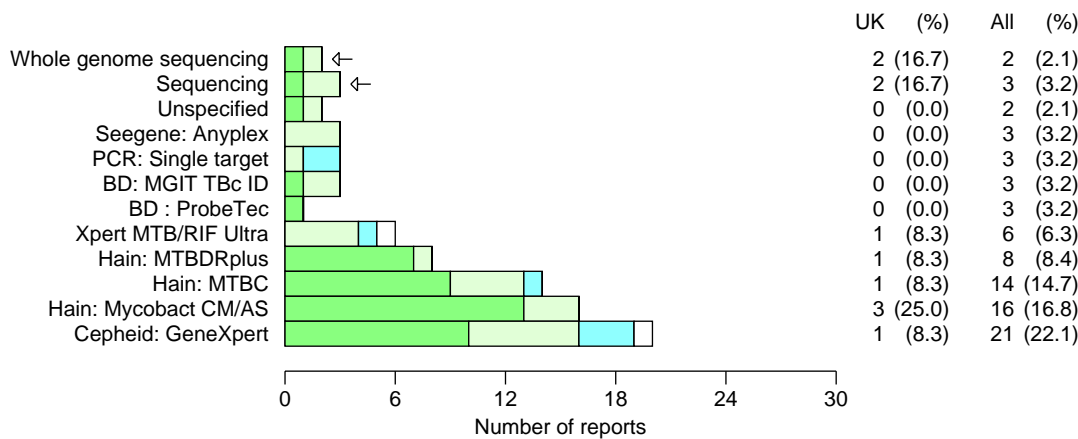


Your Report : Negative for MTBC
Your Score : 2

Overall Results	UK	All	Score
MTBC detected	3	8	-1
MTBC negative	46	160	2
<i>M. tuberculosis</i>	1	2	-1
Total	50	171	

Specimen : 6825

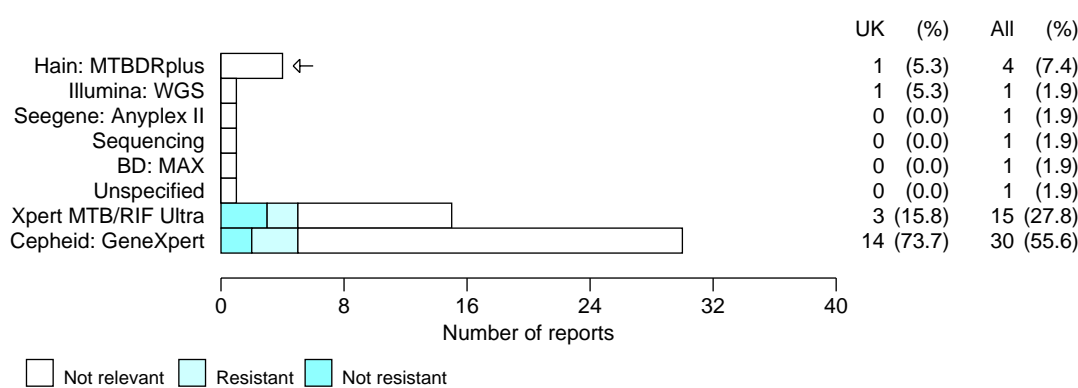
Detection post culture: Mycobacteria not detected



Your Report : Negative for MTBC
Your Score : 2

Overall Results	UK	All	Score
MTBC detected	1	2	-1
Not detected	0	11	2
MTBC negative	2	14	2
No growth	7	35	2
Total	10	64	

Specimen : 6825



Your Report : Not relevant
Your Score : 2

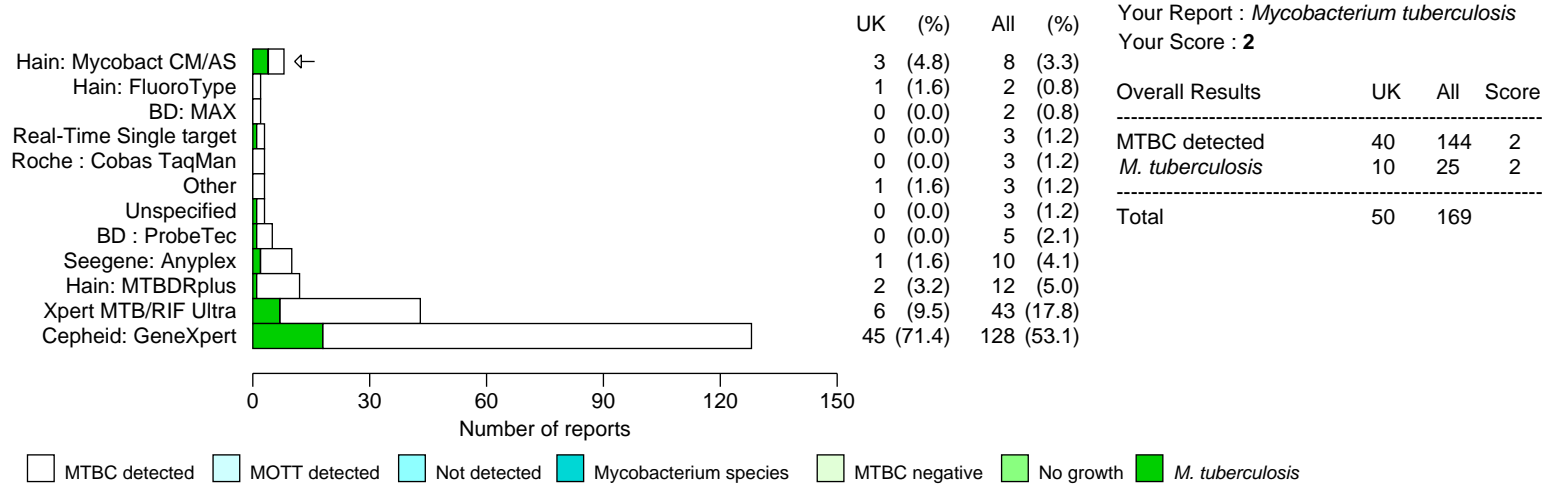
Overall Results	UK	All	Score
Not relevant	16	45	2
Resistant	3	5	0
Not resistant	1	6	0
Total	20	56	



Two specimens of freeze-dried simulated purulent sputa were dispatched with a request for the molecular detection of mycobacteria. Specimen 6825 was negative for *Mycobacterium tuberculosis* and contained the following commensals: *Streptococcus mitis* and *Streptococcus oralis*. Specimen 6826 contained viable *Mycobacterium tuberculosis* and no commensals.

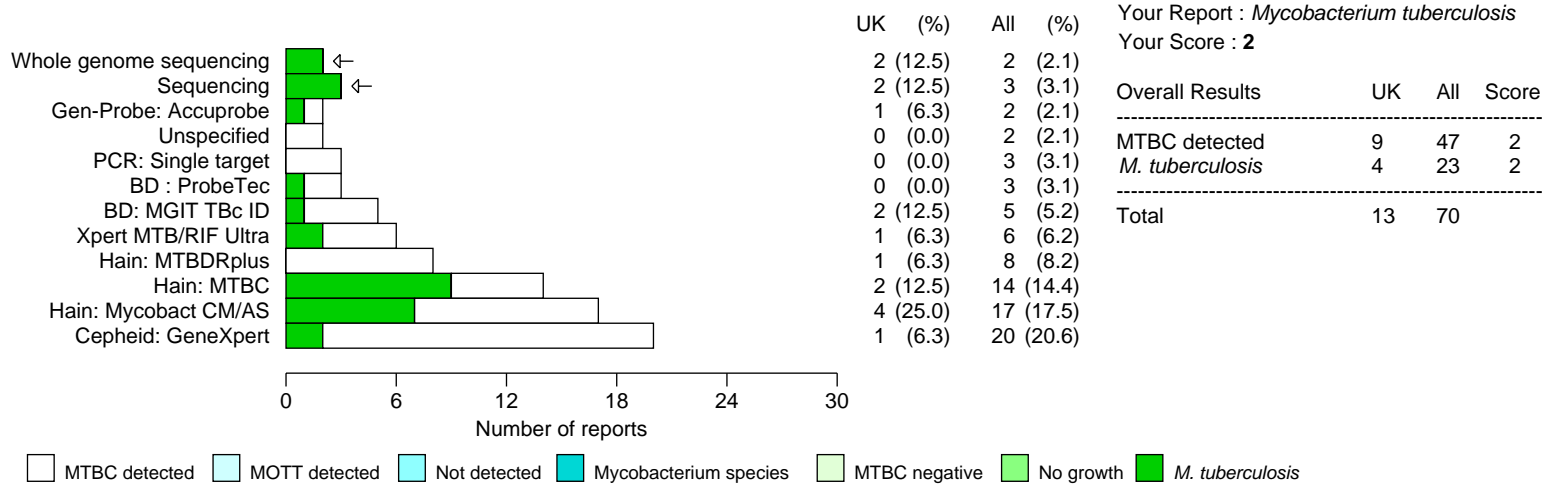
Specimen : 6826

Direct detection: MTBC detected



Specimen : 6826

Detection post culture: MTBC detected



Specimen : 6826

Rifampicin resistance: resistant

