

Intended Result

Specimen 6942 Microfilariae of *Loa loa*

Your Report

Microfilariae of *Loa loa*

Your Score

2

Cumulative score information

Total number of specimens sent to you for **UK NEQAS for Blood parasitology** over the last 8 distributions is 8.
For these distributions specimen numbers 6264 6473 6522 6637 6677 6728 6839 6942 have been analysed and scored.

Number of reports analysed 8
Number of specimens reported as not examined (not scored) 0
Number of specimens received too late for analysis (not scored) 0
Number of specimens for which no report was received (not scored) 0
Your cumulative score for these specimens was 20 out of a possible total of 20

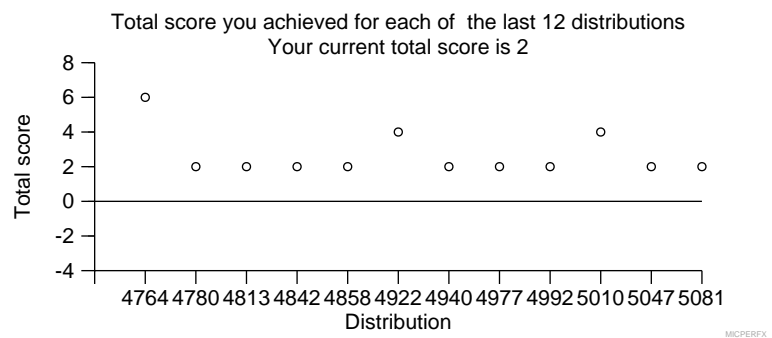
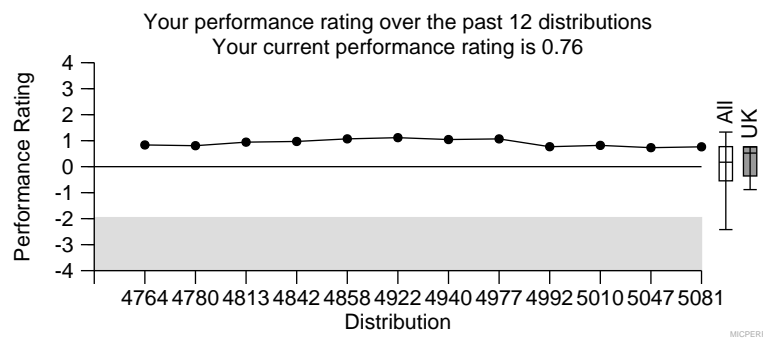
The mean score calculated from the reports returned by **UK** laboratories was 17.68 with a standard error of 3.04.
No score penalty is incurred for non return of reports. However non return of results may be used as a measure of poor performance.

Performance rating

Your performance rating for **UK NEQAS for Blood parasitology** (i.e. the number of standard errors by which your cumulative score lies above or below the mean for **UK** laboratories) is 0.76.

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 return of results may be used as a measure of poor performance.



Turn around time: The time taken to report your results was 4 day(s). This information is provided for your own use and does not form part of your performance assessment.

Comments

The performance for this specimen was good with 83.3% of participants reporting the correct result.
This specimen contained microfilariae of *Loa loa*. The microfilariae present displayed the characteristic features of those of *Loa loa* i.e. they possessed a sheath which stained pale blue with Delafields haematoxylin and the nuclei extended to the tip of the tail. The sheath of microfilariae of *Loa loa* does not stain with Giemsa. Of the other sheathed microfilariae, those of *Wuchereria bancrofti* have the tip of the tail free from nuclei and a sheath which stains pink with Giemsa; those of *Brugia* sp. have 2 distinct nuclei at the tip of the tail and the sheath stains dark pink with Giemsa. The unsheathed microfilariae i.e. those of *Mansonella* sp. and *Onchocerca volvulus* are smaller than the sheathed microfilariae.

Those participants who reported an incorrect microfilaria species are advised to review their specimen.

Pre-distribution results are available should you experience technical failure and wish to discuss the results.

Associated digital images of the intended results are available on our secure website; click on the DIST button to access intended results and images.

Further teaching information regarding blood parasites can be found on <http://ukneqasmicro.org.uk/parasitology/>.

Repeat specimens

Repeat specimens can be supplied on request and participants are asked to contact organiser@ukneqasmicro.org.uk, quoting their laboratory number and specimen number, as soon as the intended results are displayed on the web or on receipt of their report.

Participants are advised to take a photograph of their findings to use in case of queries for this distribution. Participants are reminded to quote their LABORATORY ID number in all correspondence.

Enquiries

Telephone and written enquiries can be made to Dr. Jaya Shrivastava : +44(0)20 39081371
E-mail address: organiser@ukneqasmicro.org.uk

This report was authorised by Professor P L Chiodini, Parasitology Scheme Organiser and Dr Jaya Shrivastava, Parasitology Scheme Manager.



As part of routine pre-distribution quality checks, 10 random samples were examined at the UK NEQAS Parasitology lab. The following results were obtained:

Microfilariae of *Loa loa* approximately: 11 microfilariae/film (x100 oil immersion objective)

Four specimens returned to UK NEQAS Parasitology lab in Halo, 1 Mabledon Place, London gave the intended results.

Specimen : 6942 Giemsa and Delafield's haematoxylin stained thin blood film. Examine for parasites. Student from Democratic Republic of Congo with eosinophilia.
Microfilariae of *Loa loa*

