

Intended Result	Your Report	Your Score
Specimen 4559 Negative for malaria	Negative for malaria	2
Specimen 4560 <i>P. falciparum</i> only infection	<i>P. falciparum</i> only infection	2

Cumulative score information

Total number of specimens sent to you for **UK NEQAS for Malaria rapid** over the last 2 distributions is 4
For these distributions specimen numbers 4206 4207 4559 4560 have been analysed and scored.

Number of reports analysed 4
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 (scored as 0) 0
Your cumulative score for these specimens was 8 out of a possible total of 8

The mean score calculated from the reports returned by **UK** laboratories was 7.79 with a standard error of 1.27

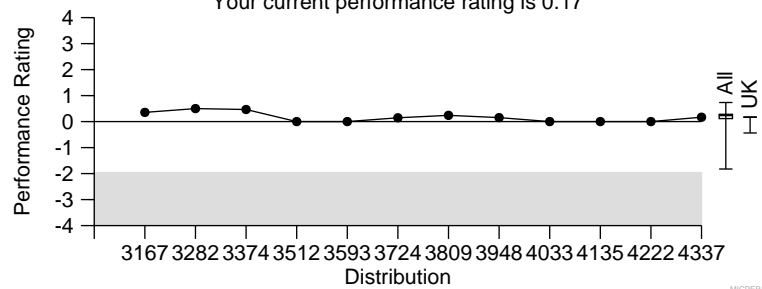
Performance rating

Your performance rating for **UK NEQAS for Malaria rapid** (i.e. the number of standard errors by which your cumulative score lies above or below the mean for **UK** laboratories) is 0.17.

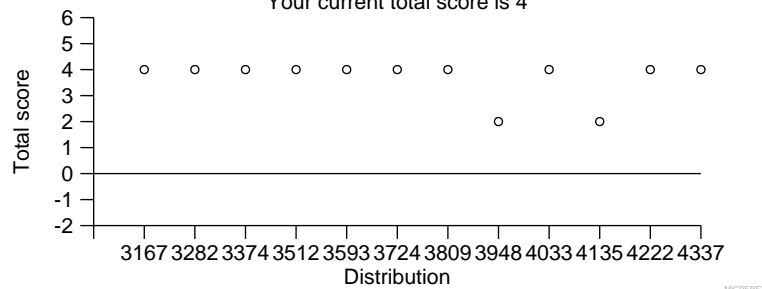
A performance rating of more than 1.96 standard errors below the mean indicates possible poor performance.
Your performance rating may change if other participants' results are amended.

No score penalty is incurred for non return of reports. However non return of results may be used as a measure of poor performance.

Your performance rating over the past 12 distributions
Your current performance rating is 0.17



Total score you achieved for the last 12 distributions
Your current total score is 4



Turn around time: The time taken to report your results was 0 day(s). This information is provided for your own use and does not form part of your performance assessment.

Comments

This is the fourth report using lyophilised blood as an analyte. The results obtained by the majority of the participating labs are in agreement with work done in our lab; thereby illustrating that freeze dried blood is a suitable analyte for this scheme.

The overall performance for these specimens was very good with 99.1% of participants reporting fully correct results for specimen 4559 and 89.3% for specimen 4560. Discrepant results were not associated with any one kit. Those participants who reported discrepant results are reminded to follow the manufacturers' instructions when testing these specimens and to investigate the cause.

The figures in the histograms and those in the overall results tables may differ (1) due to exclusion of kits displayed in the histograms resulting in apparently lower numbers of data sets in the histograms or (2) due to participants using more than one kit resulting in higher numbers of data sets in the histograms.

It was noted that some participants did not specify their kit details. Participants are advised to indicate which kit they use so that reports display accurate information. If the kit you use is not specified in the kit list displayed on the web reply form, please email organiser@ukneqas.org.uk with details of your kit.

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

Repeat specimens

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

Enquiries

Telephone and written enquiries can be made to Dr. Jaya Shrivastava: ++44 (0)20 39081371

Email address: organiser@ukneqasmicro.org.uk

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

Participants are reminded that their Laboratory ID number should be quoted in all correspondence .



After the examination of 5 specimens taken at random, the following results were obtained at the UK NEQAS Parasitology lab using the WHO intensity guide for the following kits:

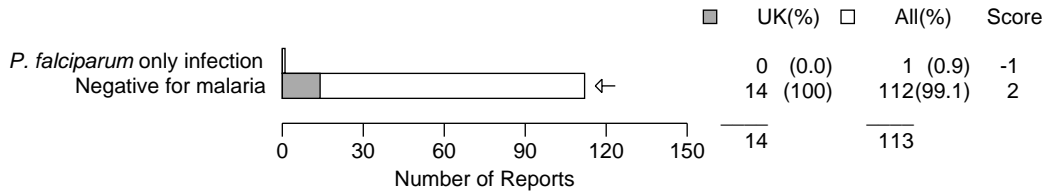
Specimen 4559:
Binax Now: Negative for malaria antigens
Optimal-IT: Negative for malaria antigens
Care Start: Negative for malaria antigens

Specimen 4560: *P. falciparum* (P.f.) with a parasitaemia of 1029 parasites per microlitres
Binax Now: *Plasmodium falciparum*
Optimal-IT: *Plasmodium falciparum* (+/- Pm, Po, Pv)
Care Start: *Plasmodium falciparum* or mixed infection with *P. falciparum*

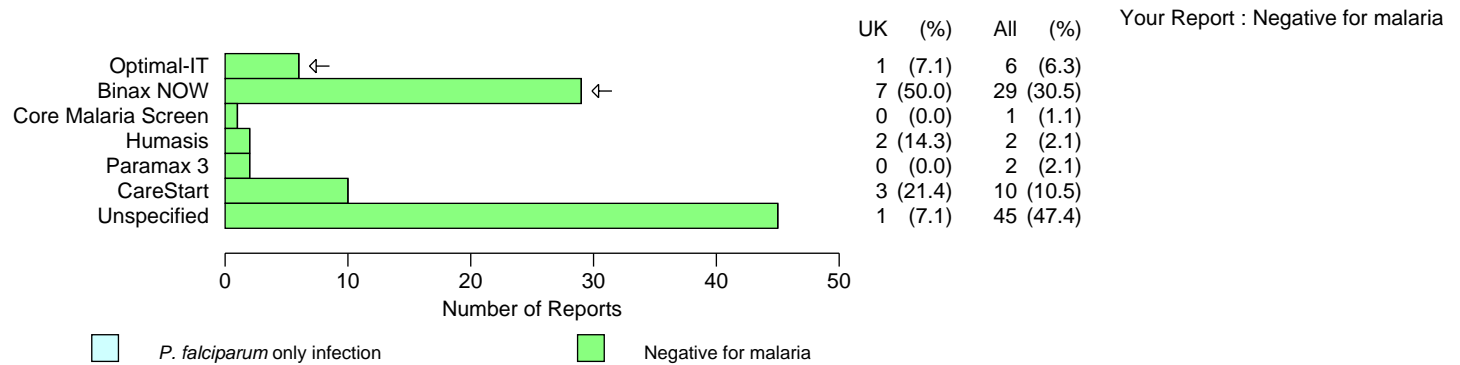
The results of both specimens were also confirmed by the polymerase chain reaction method.

Specimen returned to the UK NEQAS Parasitology lab showed the intended results.

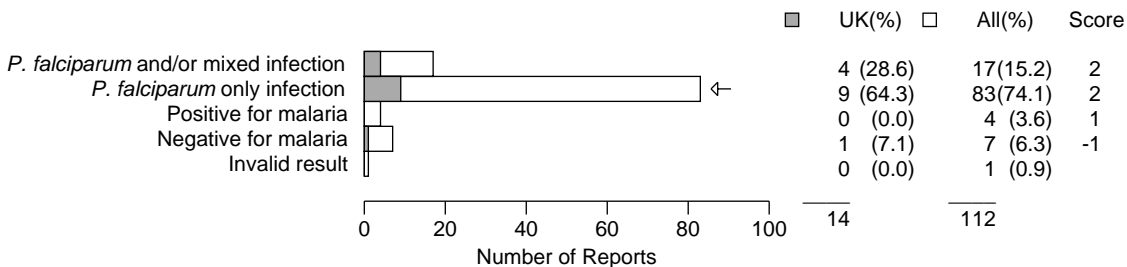
Specimen : 4559 No malaria antigens present



Specimen : 4559 No malaria antigens present



Specimen : 4560 *Plasmodium falciparum* or mixed infection with *P. falciparum*



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