

**Intended Result**

Specimen 8623 Ova of *Dibothriocephalus latus* ( *Diphyllobothrium latum* )

**Your Report**

Ova of *Diphyllobothrium latum*

**Your Score**

2

Specimen 8624 Cysts of *Entamoeba coli*

Cysts of *Entamoeba coli*

2

**Cumulative score information**

Total number of specimens sent to you for **UK NEQAS for Faecal parasitology** over the last 8 distributions is 17

For these distributions specimen numbers 8046 8047 8087 8088 8136 8137 8237 8238 8342 8343 8396 8397 8398 8564 8623 8624 have been analysed and scored.

Number of reports analysed 16

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 42 out of a possible total of 42

The mean score calculated from the reports returned by **UK** laboratories was 34.92 with a standard error of 4.64

**Performance rating**

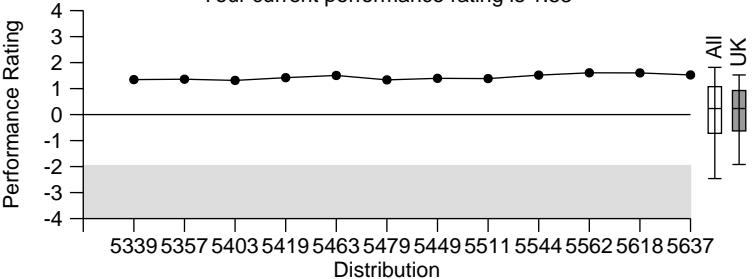
Your performance rating for **UK NEQAS for Faecal parasitology** (i.e. the number of standard errors by which your cumulative score lies above or below the mean for **UK** laboratories) is 1.53.

A performance rating of more than 1.96 standard errors below the mean indicates possible poor performance.

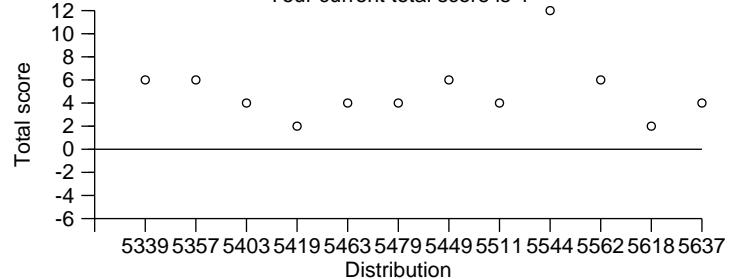
Your performance rating may change if other participants' results are amended.

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 1.53



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



**Turn around time:** The time taken to report your results was 17 day(s). This information is provided for your own use and does not form part of your performance assessment.

**Comment**

The performance for specimen 8623 was very good with 92.9% of participants achieving the correct results containing ova of *Dibothriocephalus latus* ( *D. latum* ). Ova were present in large numbers so should have been easy to find. The range of unexpected parasites reported suggests that those participants found ova but were unable to identify them correctly to species level.

The performance for specimen 8624 was good, with 87.2% of participants achieving the correct result of cysts of *Entamoeba coli*. There were also scanty cysts of *Entamoeba histolytica/dispar* present in this specimen but these were not scored, since their presence was not guaranteed in every specimen.

Participants who failed to see the cysts of *Entamoeba coli* are advised to review their concentration method since there were 32 cysts per coverslip of concentrated specimen and should familiarise themselves with its morphology in a formalised suspension. The range of unexpected parasites reported suggests that some participants detected protozoal cysts but had difficulty in identifying them precisely. Use of iodine stain should be routine when attempting to identify protozoal cysts

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

Associated digital images of the parasites present in these specimens and a corresponding teaching sheet are available on our secure website; click on the DIST button to access intended results and images.

**Repeat specimens**

Repeat specimens can be supplied on request by contacting [organiser@ukneqasmicro.org.uk](mailto: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 Mrs Agatha Christie Saez: +44(0)20 39081371

E-mail address: [parasite@ukneqas.org.uk](mailto:parasite@ukneqas.org.uk)

This report was authorised by Professor P L Chiodini, Parasitology Scheme Organiser and Mrs Agatha Christie Saez, Parasitology Team Manager and Quality Lead.

**Participants are reminded to quote their Laboratory ID number in all correspondence.**

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

**Specimen 8623**

Ova of *Dibothriocelphalus latus*: approximately 66 per coverslip.

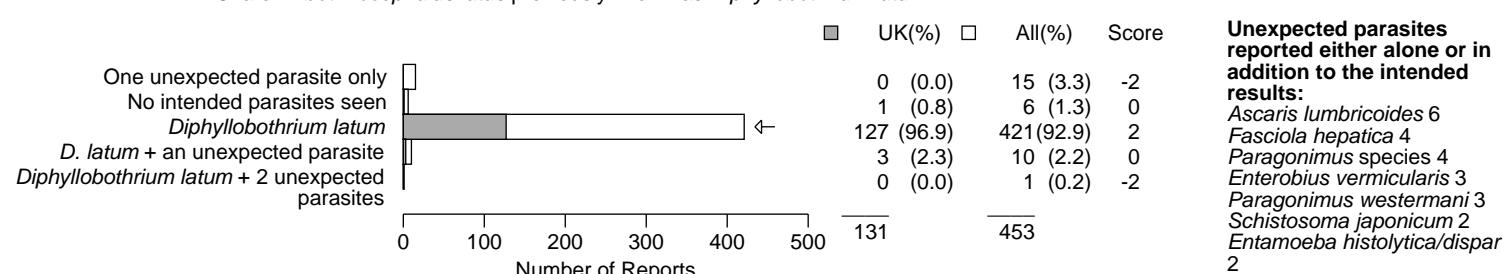
**Specimen 8624**

Cysts of *Entamoeba coli*: approximately 32 per coverslip.

Four specimens returned to UK NEQAS Parasitology at the Halo building, London, gave the intended results.

**Specimen : 8623** Formalised faecal suspension to be concentrated. Examine for OVA ONLY. Patient with suspected threadworm infection.

Ova of *Dibothriocelphalus latus* previously known as *Diphyllobothrium latum*



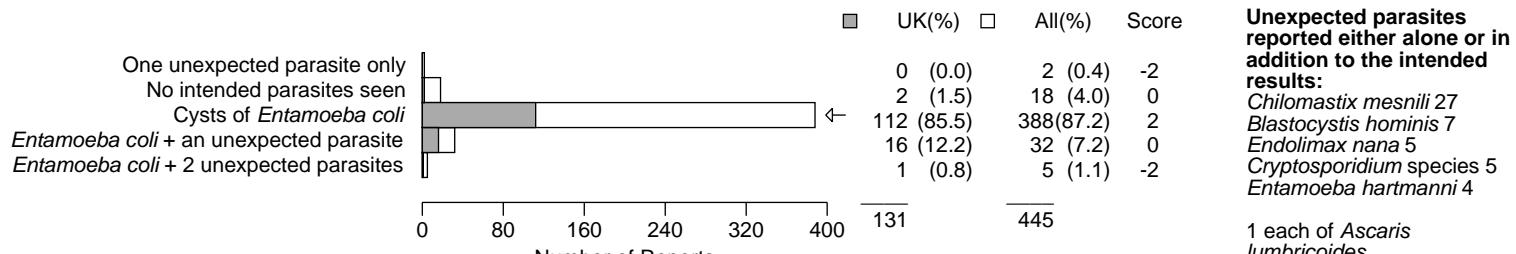
**Unexpected parasites reported either alone or in addition to the intended results:**  
*Ascaris lumbricoides* 6  
*Fasciola hepatica* 4  
*Paragonimus* species 4  
*Enterobius vermicularis* 3  
*Paragonimus westermani* 3  
*Schistosoma japonicum* 2  
*Entamoeba histolytica/dispar* 2

1 each of *Ancylostoma duodenale*, *Strongyloides stercoralis*, *Trichostrongylus* species, *Bertiella* species and *Entamoeba coli*

**Specimen : 8624** Formalised faecal suspension to be concentrated. Examine for CYSTS ONLY.

Asymptomatic post tropical screen.

Cysts of *Entamoeba coli*



**Unexpected parasites reported either alone or in addition to the intended results:**  
*Chilomastix mesnili* 27  
*Blastocystis hominis* 7  
*Endolimax nana* 5  
*Cryptosporidium* species 5  
*Entamoeba hartmanni* 4

1 each of *Ascaris lumbricoides*, *Diphyllobothrium latum*, *Schistosoma haematobium* and *Taenia saginata*