

OvaCyte™

Automated Faecal Egg Count

A Smarter Way to Diagnose Intestinal Parasites

Removes the need for laboratory and manual in-clinic testing, bringing automated parasite diagnostics direct to the veterinarian.

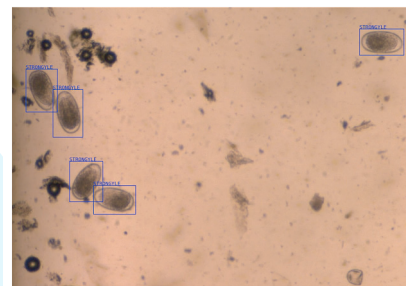


Only 2 Minutes of Your Time

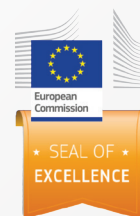
Sample preparation takes less than 2 minutes, after that the process is fully automated thereby freeing up time in the clinic.

Harnessing the Power of Artificial Intelligence

Images are analysed by our proprietary Artificial Intelligence models by referencing the images against the Telenostic Reference Library. The image recognition software identifies each specific parasite species and the number of parasitic eggs or oocysts present.



For more information contact us at info@ovacyte.com



Powered by
Telenostic
Artificial Intelligence



Quick and Easy Sample Preparation

| All you need is 3g of faecal material and 2 minutes of your time.



1. Weigh out 3g of faecal sample, add 42ml of the NaCl flotation solution provided and pass through the filter provided.



2. Fill the cassette.



3. Load the cassette onto the analyser, and start the scan. The analysis and reporting are fully automated.

No technical training is required. Anyone in the clinic can run the test.

The Automated Scanning Process

1. The analyser manages the flotation and scans the cassette.
2. The images are uploaded to the cloud where the artificial intelligence algorithms identify and count the eggs.
3. The results are then sent back to the clinic in real time.

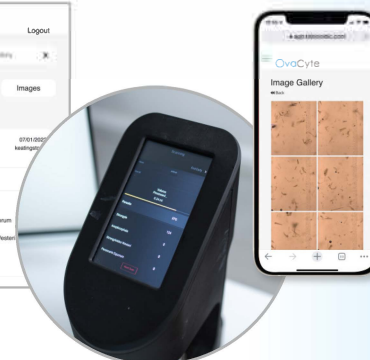


Results on the Analyser, on the Web Application and on your Smart Phone



The web application links directly with the analyser for easy input of patient details and retrieval of reports. The report includes images from the test for client demonstration.

Results History						Logout
Scan Report Batch Report						Images
Date	Animal Owner	Animal Name	Scan ID	Batch ID	Details	
11/11/2022	Heathington	Clayton	8003	202	Scan Animal Owner Animal Name	11/11/2022 Heathington
11/11/2022	Heathington	Clayton	8003	202	Scan Animal Owner Animal Name	11/11/2022 Heathington
11/11/2022	Heathington	Clayton	8003	202	Scan Animal Owner Animal Name	11/11/2022 Heathington
11/11/2022	Heathington	Clayton	8003	202	Scan Animal Owner Animal Name	11/11/2022 Heathington
11/11/2022	Heathington	Clayton	8003	202	Scan Animal Owner Animal Name	11/11/2022 Heathington



A New Gold Standard with Validated Precision

Analysis of the sample is performed using our proprietary highly efficient Cloud Based Artificial Intelligence Algorithms, rigorously refined and tested to bring you the equivalent standard of diagnosis as that of a specialist veterinary parasitologist. Clinical trials^{2,3} have shown the precision of OvaCyte for strongyle species to be significantly greater than McMaster in horses (72.5% vs 56.2%) and cattle (75.3% vs 41.3%).

1. Telenostic was awarded the Seal of Excellence by the European Commission in 2021 for project proposals submitted to Horizon Europe, the EU's research and innovation funding program.
2. Evaluation of the precision of the OvaCyte method of Strongyle faecal egg counts compared to the McMaster method in horses. Study E3.1-21 DATA ON FILE
3. A comparison between Telenostic OvaCyte, McMaster and Mini-FLOTAC methods of FEC analysis for strongyles in bovine faeces. Study B4-22 DATA ON FILE

OvaCyte® is a trademark owned by Telenostic Ltd

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