vetscan IMAGYST™

AI Equine Fecal Egg Count (FEC) Analysis

USER GUIDE



AI=artificial intelligence.

VETSCAN IMAGYST™ delivers fast, accurate FEC analysis[1]

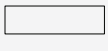
vetscanimagyst.com

Fast, accurate fecal diagnostics[1]

VETSCAN IMAGYST™ is powered by artificial intelligence (AI), delivering consistent and shareable results to help improve practice efficiency

SUPPLIES NEEDED

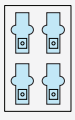
- Flotation solution (Sheather's is recommended)
- Food scale (with gram measurements)
- Graduated cylinder or syringe
- Disposable cups
- Tongue depressors
- 2-ply cheesecloth or gauze



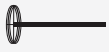
Glass Slide



IMAGYST Coverslip



Slide Template

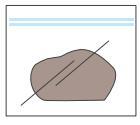


Transfer Loop



Scanner

01 COLLECT FECAL MATTER



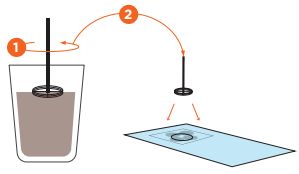
- Using a gram scale, measure out 4.0 g of manure into a clean, labeled disposable cup
- Add 26 mL of flotation solution to the cup containing 4.0 g of manure
- Using tongue depressor, mix the manure and solution well for 30 seconds

02 PREPARE FECAL SAMPLE



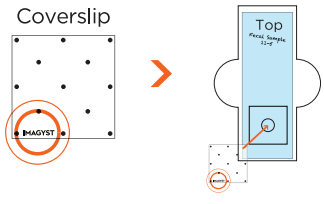
- Filter the mixture through 2-ply cheesecloth or gauze into a clean disposable cup
- When mixture is done straining, discard the manure that remains within the cheesecloth or gauze
- Let mixture sit for at least 5 minutes; do not stir or disturb the solution

03 ADD SAMPLE TO SLIDE



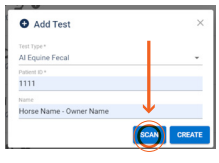
- Place the glass slide into the IMAGYST slide template. Make sure that the name or barcode on the slide is positioned toward the top
- Obtain sample from the top surface of the disposable cup using the IMAGYST transfer loop. Make sure to skim the entire top layer of the sample
- Place **1 loop** of the collected fluid onto the glass slide, distributing sample around the edge of target circle

04 PLACE COVERSLIP



- Place coverslip, with IMAGYST readable in the lower left-hand corner, onto the slide over the targeted area of the slide template
- Place the slide on the IMAGYST scanner. Make sure to position the coverslip on the left-hand side of the scanner

05 INITIATE TEST



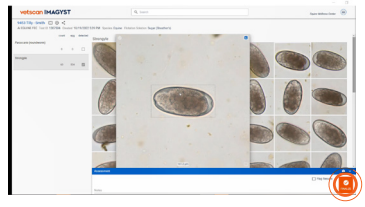
- Choose the correct Test Type and select **SCAN**; sample information will come prepopulated from any FUSE-connected software system
- If no integration is available, select **ADD TEST**, enter the sample information and then select **SCAN**
- Select a scanner, and make sure the tray is open (select **OPEN TRAY** if necessary)

06 LOAD AND SCAN SLIDE



- Unlock the slide holder and place the slide (with coverslip) on the slide tray
- Place any label or writing toward the right side of the slide tray and lock the slide holder
- Select **SCAN SLIDE**

07 REVIEW SCAN



- Open the sample results, review any captured images and select examples for inclusion in the report
- Add any comments and select **FINALIZE**
- Select **VIEW REPORT** to view a shareable PDF or review results in a FUSE-connected software system

Contact your Zoetis representative for assistance.

Reference: 1. Data on file, Study No. [TK], 2022, Zoetis Inc.

All trademarks are the property of Zoetis Services LLC or a related company or a licensor unless otherwise noted.
© 2022 Zoetis Services LLC. All rights reserved. MM-22783

zoetis