

Micron Kit

Rapid On-Site parasite testing



VETS & ADVISORS CAN NOW:

- Test animals on farm
- Using mobile phones
- Results in minutes

THE MICRON KIT:

Save Time:

- Rapid & comprehensive results: **15 minutes***
- Cut out hours spent on unnecessary dosing

Save Money, Increase Profit:

- Worms ↓ feed efficiency and productivity
- Increased testing enables **targeted treatment**

Reduce Resistance:

- **Avoid unnecessary treatment**
- Reduce rate of development of resistance
*depending on connection speed

BENEFITS

Routine monitoring throughout grazing season, every 3-4 weeks:

- Determine if treatment is necessary
- Rapidly identify when burden increases
- Use anthelmintics only when required
- Check effectiveness of treatments used
- Less expensive than blanket treatments
- Reduce rate of development of resistance

LIST No	UNIT PACKAGE
1MIC002	Micron Kit
1MIC003	1x Micron Test Credit



MICRON KIT

Rapid On-Site parasite testing



MICRON KIT CONTENTS

Your Micron Kit includes everything needed for animal testing, as soon as you receive your kit.

There's no set-up required; all you need is your kit, a smartphone and our mobile app to process results.

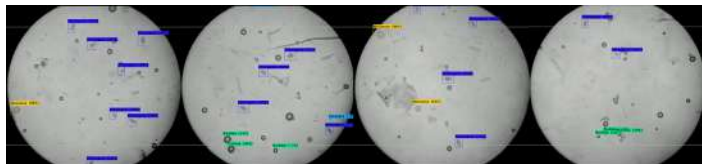
THE TECHNOLOGY

Your phone takes over 5,000 images of the sample; this data is compressed and uploaded to our servers.

Our ML algorithm can then detect the presence of parasite eggs and determine the type of egg

The software then counts the number of eggs in the image providing an indication of parasite burden.

In 15 minutes*, you will receive a simple PDF with the results.



Four frames from a sheep test showing positive identification of three different parasite types at high burdens by our AI model.

SAMPLE COLLECTION

- Samples **as fresh as possible** - delays allow eggs to hatch & falsely reduces egg count
- Ensure that animals **feeding normally** before collection
- **Keep faeces cool** (e.g. refrigerated) prior to sampling and in an airtight container. This will reduce egg hatching
- Only **~5g per animal** is required
- Ideally samples should be assessed every **3-4 weeks during the grazing season**

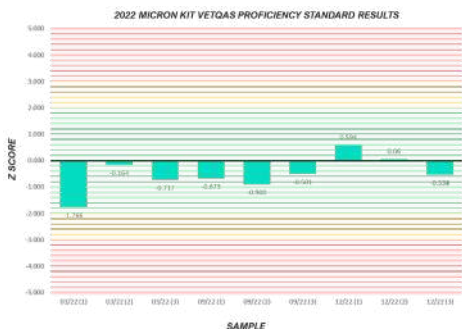
CONTACT BIMEDA

Tel: +44 (0) 1248 725 400

To book a demonstration: uksales@bimeda.com

Bimeda UK
Unit 2, Bryn Cefni Industrial Park
LLangefni, Anglesey,
Wales, LL77 7XA

RELIABILITY



VetQAS proficiency testing is the only scheme for labs to prove proficiency with FEC testing in Ireland & the UK. It is done by labs voluntarily through the UK Animal and Plant Health Agency.

This standard is achieved by submitting three results three times per year that fall within two standard deviations of the mean result. The closer you are to the mean, the better.

Micron Kit is the first non-lab to participate in this scheme and received nine samples across 2022, passing the standard with all of them and improving in each round.

For context, in the December round of testing, 10 out of the 24 labs did not pass the proficiency test.

EXAMPLE RESULTS

The below table demonstrates example results received from a sheep faecal sample analysed.

Type of Egg	Infection Level
Coccidia	Not detected
Strongyle	240 EPG
Nematodirus	Not detected
Trichuris	Not detected
Strongyloides	30 EPG
Moniezia	Not detected