

Tips & tricks for avoiding 'invalid' results on the app:

Please prepare another sample for analysis and consider the below guidelines:

For bubbles (large or multiple bubbles):

- Please carefully homogenise sample by gentle inversion.
Avoid vigorous shaking.
- Carefully place the syringe to the upper top/ middle of the sample container.
Avoid placing the syringe at the very top of the sample to avoid drawing air into the syringe.
- Gently pull back on the syringe during sample uptake.
Avoid rapid sample uptake.
- Ensure the syringe is within the port during loading, the slide is at an angle, and carefully release the sample from the syringe into the port of the slide.

For slide not captured/ no image detected/ incorrect phone alignment/ camera moved during recording:

- Make sure the Micron Kit is on a stable surface and not near an electronic centrifuge. This will prevent vibrations from interfering with the recording.
- Please ensure the phone is correctly aligned with the kit camera holder. If not, the full slide may not be captured. It can also cause the camera to not focus properly.
- Once recording has begun, avoid lifting the phone from Micron kit and avoid lifting the kit during the recording.
- Please ensure the Micron Kit is switched on and green light is flashing, indicating the kit is ready to process a sample.
- Please ensure the start 'L' and end 'L' are fully captured. To do this, start the recording once you observe the colourful dash lines that appear at the start of the slide, and end the recording after the end 'L' has been captured. A filming progress bar will appear at the top of the Micron app during the recording. Please do not exit the app once recording has stopped.

For water on slide/ condensation on lens/ out of focus:

- Using tissue paper, carefully pat down the outside of the slide before placing the slide into the Micron kit for analysis.
- Check the plug is securely in place after sample loading.
- If the sample is out of focus, this also may be a result of incorrect phone alignment and may be a result of condensation within the lens. *Please only use cold water to rinse the slides before and after each use. Hot water damages the slide and causes condensation to build up inside the microscope lens.*
- Wipe the lens of the phone with a microfiber cloth; wipe the lens in the reader with a long cotton swab.
- Leave the slide sit for 2 minutes at room temperature to allow faecal eggs to float and come into view.

For image too dark:

- If the sample is too dark, too much faecal matter was included during the sample preparation, please repeat the process, and use the correct 3 g amount.
- Centrifuge the sample according to the instructions.
- Some samples, especially those with a high organic load (such as sheep and goats), may appear too dark for clear imaging. | In such situations, we recommend centrifuging a second time.
- Watch the video (YouTube) for more information.
(You can change the language of the subtitles using the cogwheel at the bottom of the screen.)

