

Ordering the WormTest kit

The WormTest kit can be ordered through Biosecurity Sciences Laboratory via the [Equipment Request Form](#).

How to use the WormTest kit

Use this kit to test sheep, goats or cattle for worm burdens or possible drench resistance. Samples will be accepted from veterinarians and producers. Note that no treatment advice will be provided with the test results. Each kit contains 10 sample bottles, disposable gloves, Specimen Advice Sheet (SAS), and return packaging (absorbent material, two sealable bags and cardboard box).

Testing for worm burden (egg count and larval culture)

- To minimise contamination, collect fresh dung samples directly from the rectum or from the top of a dung pile. Use a different bottle for each animal and try to fill each bottle to the top.
- Post kits as soon as possible and keep them cool (out of the sun). Samples can be refrigerated, but not frozen. Note that refrigeration for more than 24 h can inhibit hatching for larval culture.
- Request the test “FEC pooled” on the SAS. At the lab, samples are pooled into two lots for testing. If the eggs per gram (epg) result is 200 or higher, samples are cultured and the percentage of each worm type counted. If you do not want a culture, please state this on the SAS.

Testing for drench resistance (DrenchCheck)

To check for possible resistance against short-acting drenches, you will need at least two (2) WormTest kits for each mob: one to test pre-drench and the other for post-drench. More information can be found on <https://wormboss.com.au/tests-tools/checking-for-drench-resistance-with-a-drenchcheck/>

1. WormTest pre-drench (2 pooled egg counts + 1 larval culture): Collect samples up to 10 days before a mob is drenched with a short-acting drench following the steps for worm burden testing above. Request the test “FEC pooled” on the SAS.
2. WormTest post-drench (10 individual egg counts + 1 larval culture). Collect samples 14 days after the drench. Each bottle should contain dung from a single animal only. If any eggs are present, positive samples are pooled and cultured to identify which worm types have survived the drench. Request the test “FEC + culture post-drench” on the SAS and include specimen details to identify mobs or individuals.

Sending samples

Ensure sample tubes are numbered and pack them with absorbent material inside two layers of sealed bags. Put this into the box with a completed SAS.

Post by express post or courier as soon as possible, preferably from Sunday to Wednesday, to avoid samples being held up over the weekend. The laboratory results and invoice will be sent by email. Submitters are responsible for the cost of return postage.

Authorised by: N. Leo	Form no.: BSL GEN-031
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Delivery address

Biosecurity Sciences Laboratory
Specimen Receipt (Loading Dock 12)
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