QuickGuide

AQ-304-BG TWO MINUTE PROTOCOL

TotalTox™ DON

Corn & Wheat

SAMPLE PREPARATION

Bring Strips, Buffer and water up to room temperature before testing

Make sure you have scanned the Multi-Matrix Barcode Card (MMBC) that matches your kit lot

Set Incubator at 22°C

You will need a 100 µL pipette



1 Collect and grind representative sample such that ≥95% passes through a 20 mesh sieve



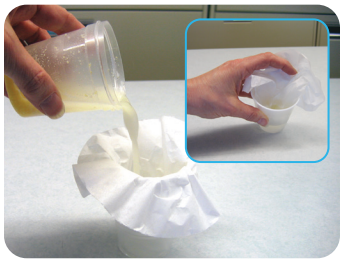
2 Carefully weigh out and add a 20-50 gram sub-sample to container



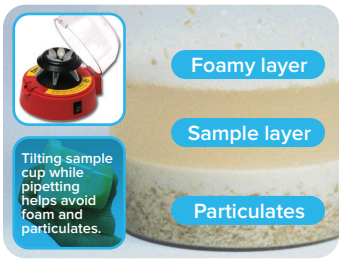
3 Add 5 mL/g of distilled, deionized, or bottled water (eg: 250 mL for 50g sample)



4 Seal/cover container and shake on mechanical shaker (or vigorously by hand) for 30 seconds



5a Filter extract using approved coffee filter (e.g. BUNBCF100B) into a clean vessel; move filter aside to access the filtered extract



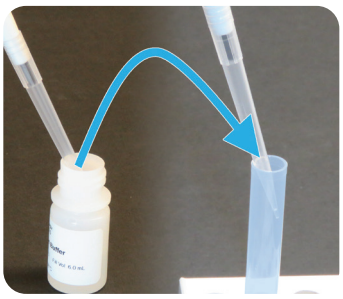
5b Or, a portion of extract may be centrifuged (30 sec) at 2000 x *g* (NOT RPM), or allowed to settle into layers - avoid foamy layer and particulates when drawing up sample

TEST PROCEDURE

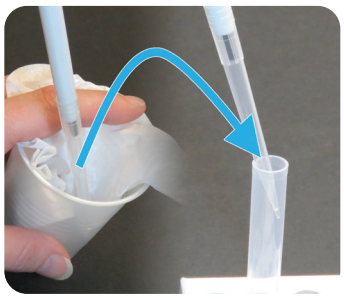
More detailed instructions in the Product Insert

Ensure Incubator has reached 22°C

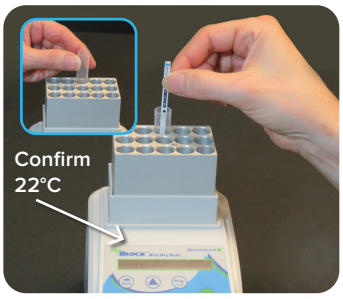
***Note:** acclimation is only required when the ambient temperature is unknown or outside of 20-24°C (68-75°F)



6 Add 100 µL Buffer to tube.



7 Transfer 100 µL of the clarified extract to the tube; stir well with pipette tip



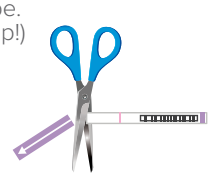
8 Place tube in Incubator and acclimate for 2 min.*, then add QuickTox Strip; wait 2 minutes for results

QuickScan TEST RESULTS

MULTIPLE RESULTS IN SECONDS WITH QUICKSCAN

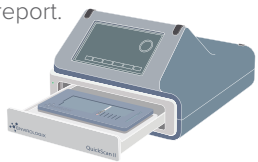
Read strips and combs from any test family simultaneously--more detailed instructions in the QuickScan User Manual

9 Remove strip from vial immediately after the 2 minute test time. Cut off and discard bottom pad with arrow tape. (No drying step!)



10 Place in the QuickScan carrier and slide carrier in. Click "Read Test" on Main Menu. Results are reported between 0 and 8 ppm.

11 Results Screen will appear when scanning is complete. Enter sample identification data and use buttons to save or print report.



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