

### SAMPLE PREPARATION

(more detailed instructions in the Product Insert)



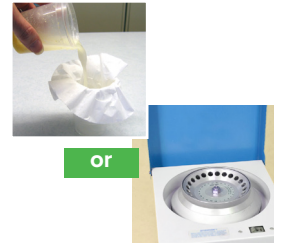
1. Collect and grind a representative corn sample ( $\geq 95\%$  passes through 20 mesh sieve). Carefully weigh out 25 gram sub-sample and add to container



2. Add 1 dissolvable pouch of EB17 and 75 mL of distilled, deionized or bottled water and cap tightly



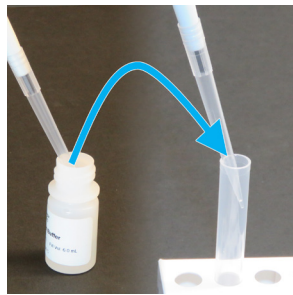
3. Immediately shake vigorously to dissolve pouch, then shake an additional 1 minute on mechanical shaker (or by hand for 2 minutes)



4. Filter with approved coffee filter (e.g. BUNBCF100B). Or centrifuge a portion of extract for 30 seconds at 2000 x g (NOT RPM).

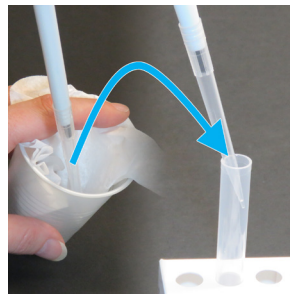
### TEST PROCEDURE for 25g sample

Ensure Incubator has reached 22°C

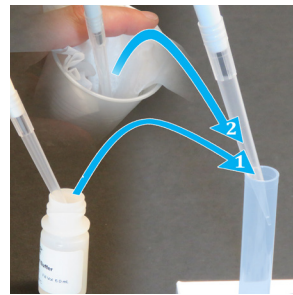


### AFLATOXIN FLEX AND DON FLEX

5. Add 100 µL **DB5 Buffer** to clear Reaction Tube

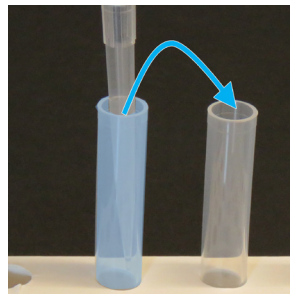


6. Transfer 100 µL of the clarified extract to the tube; stir well with pipette tip



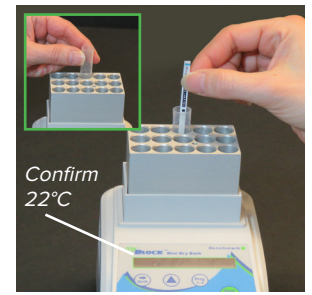
### FUMONISIN FLEX

5. Using 1 mL pipette and new tip, add **3 mL** of **DB5 Buffer** to the first tube (blue Dilution Tube); then using the MiniPet and new tip, add 50 µL extract to the same tube. Mix by pipetting up and down 5-10 times using the 1 mL pipette.



6. Transfer 200 µL of the mixed sample from the first tube (blue Dilution Tube) into the second tube (clear Reaction Tube)

### QuickScan TEST RESULTS



7. Place tube in Incubator and acclimate for 2 min.\*; then add QuickTox Strip; wait 4 minutes for results
8. Remove strip from tube immediately after 4 minutes. Cut off and discard bottom pad with arrow tape and read promptly.
9. Place in the QuickScan carrier and slide carrier in. Click "Read Test" on Main Menu. Choose each Matrix Group and Dilution Tab.
 

	MG	Dilution Tab
Afla	MG1	1:1
DON	MG21	1:1
Fum	MG4	1:A
10. Enter sample ID data and use buttons to save or print report.

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