

If, after initial testing, further information about the level of fumonisin present is desired, follow the instructions below for diluting and testing. Begin with the clarified extract obtained from the TotalTox Fumonisin Base Protocol (Step 5, M273).

## PREPARE DILUTION SOLUTION

- Dissolve 1 EB17 pouch in 150 mL distilled / deionized water
- Label, date, and document the preparation
- Dilution Solution is not clear
- Thoroughly mix before use
- May be stored at ambient temperature for 30 days
- ACC-103, TotalTox Dilution Set, includes extra EB17 and blue Dilution Tubes



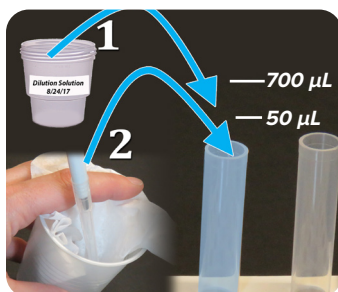
## TEST PROCEDURE for Dilution A

### 2-100 ppm

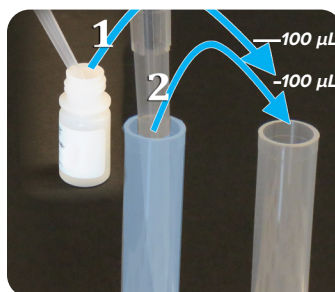
(more detailed instructions in the Product Insert)

Ensure Incubator has reached 22°C

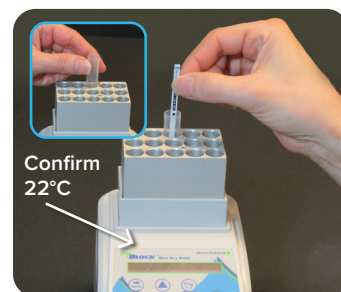
**\*Note:** acclimation is only required when the ambient temperature is unknown or outside of 20-24°C (68-75°F).



- 1** Mix 700 µL of Dilution Solution and 50 µL of clarified extract in a blue dilution tube or other clean container



- 2** Using a clean tip, pipette 100 µL of DB5 into clear Reaction Tube, then transfer 100 µL of diluted extract; mix well.



- 3** Place tube in Incubator and acclimate for 2 min.\*; then add QuickTox Strip; wait 4 minutes for results.

## QuickScan TEST RESULTS

(More detailed instructions in the QuickScan User Manual)

- 4** Remove strip from tube immediately after 4 minutes. Cut off and discard bottom pad with arrow tape and read promptly. (No drying step!).

- 5** Place in the QuickScan carrier and slide carrier in. Click "Read Test" on Main Menu (use MG1 as with the Base Protocol). Results Screen will appear when scanning is complete.

- 6** Select "1:A" from Dilution tab pulldown menu. Extended Dilution results are reported between 2 and 100 ppm. Enter sample identification data and use buttons to save or print report.