

# QuickGuide

## Common Extraction Fumonisin, DON, and Aflatoxin Flex

- 1 Grind sample and weigh out 25g
- 2 Add EB17 pouch and 75 mL water
- 3 Cap, and shake vigorously to dissolve pouch
- 4 Place sample on a mechanical shaker on high for 1 minute
- 5 Filter the extract
- 6 Lay out items to run assay: DB5 buffer, strips, tubes, incubator, pipettes, and tips

- 7 Add DB5 Buffer:
  - Fum: 3 mL in blue dilution tube
  - DON: 100  $\mu$ L in clear tube
  - Afla: 100  $\mu$ L in clear tube

- 8 Add 100  $\mu$ L Sample Extract for DON and Afla; stir each tube well to mix Buffer and Extract

- 9 Add 50  $\mu$ L Sample Extract for Fum

- 10 Use the large pipette from step 7 and pipette up and down several times to mix

- 11 Transfer 200  $\mu$ L of diluted extract to the Fum tube for testing

- 12 Add strips to clear tubes for testing

- 13 Set timer for 4 minutes

- 14 Remove strips immediately after 4 minutes and cut off the arrow tape "tail pads"

- 15 Insert strips into carrier and press Read Test in the QuickScan main menu

