



Reveal[®] Q+ for Aflatoxin

Product No. 8085

Reveal[®] Q+

Test with confidence

Reveal Q+ for Aflatoxin is a single-step lateral flow immuno-chromatographic assay based on a competitive immunoassay format intended for the quantitative testing of aflatoxin in corn and corn products.

- Easy to use lateral flow format
- Rapid and accurate quantitative testing
- Testing time: 6 minutes
- Range: 3–100 ppb
- Antibody cross-reactivity:
Total aflatoxins B₁, B₂, G₁, G₂



Advantages add up with Reveal Q+

- Results in minutes
- Portable reader with data management software
- Broad range of validated commodities
- The best technical and R&D support in the industry



800-234-5333 (USA/Canada) • 517-372-9200
foodsafety@neogen.com • foodsafety.neogen.com





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Note: Please read kit instructions completely before performing test.



1. Prepare by entering the QR code into the Reveal AccuScan[®] Pro reader.



2. Obtain a representative sample. Grind and weigh out a 10 gram sample.



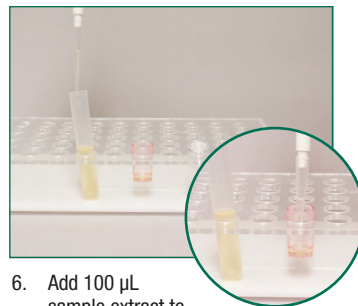
3. Add 50 mL of 65% ethanol to sample.



4. Shake vigorously for 3 minutes, or blend for 1 minute.



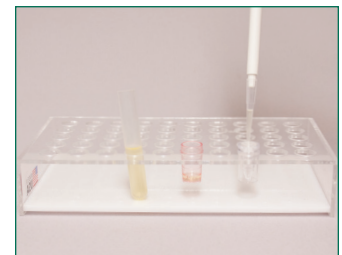
5. Allow to settle, then filter, collecting a minimum of 3 mL filtrate



6. Add 100 µL sample extract to the red dilution cup and mix up and down 5 times.



7. Add 500 µL of sample diluent to the red dilution cup.



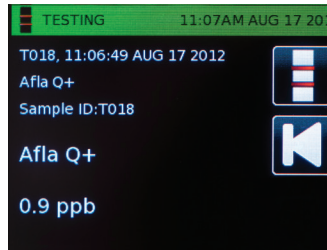
8. Transfer 100 µL diluted sample extract to sample cup.



9. Place a new Reveal Q+ for Aflatoxin strip into the sample cup. Set a timer for 6 minutes.



10. Remove promptly at 6 minutes and interpret results using the Reveal AccuScan Pro reader.



11. Results shown on the AccuScan Gold reader. **NOTE:** Results over 100 ppb must be diluted and re-run.

#8085 Reveal Q+ for Aflatoxin

Threshold: 3–100 ppb
Time: 6 minutes

Materials Provided

- 25 Reveal Q+ for Aflatoxin test strips
- 25 red sample dilution cups
- 25 clear sample cups
- 1 bottle of sample diluent
- Kit instructions for use

Materials Recommended but not Provided

Extraction Materials

- a. Sample collection cups with lids 125 mL (Neogen item 9428, 9428B)
 - b. Sample collection tubes with caps (Neogen item 9421, 9421B)
 - c. Filter syringes, Whatman #4 filter paper or equivalent (Neogen item 9420, 9429, 9519)
- or**
- d. Centrifuge, mini (Neogen item 9330)
 - e. Microcentrifuge tubes (Neogen item 9172)
 - f. Dispensing pump or graduated cylinder (Neogen item 9448, 9447)

- Agri-Grind grinder or equivalent (Neogen item 9401, 9453)
- Scale capable of weighing 5–50 grams ± 0.1 g (Neogen item 9427)
- Timer (Neogen item 9426, 9452)
- Reveal sample cup rack (Neogen item 9475)
- Pipettor, 100 µL (Neogen item 9860, 9290)
- Pipette tips, 1–200 µL (Neogen item 9407, 9410, 9417)
- Pipettor, 500 µL (9336)
- Pipette tips 200–1000 µL (Neogen item 9464, 9487)
- 65% ethanol
- AccuScan Gold reader (Neogen item 9595) or AccuScan Pro reader



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