Test with confidence

Neogen introduces **Reveal Q+ MAX for Aflatoxin**, an easy-to-use quantitative lateral flow test that provides unparalleled accuracy in only 6 minutes. The new test’s aqueous extraction eliminates the need for hazardous materials and its innovative technology yields precise and reproducible results.

- **Simple** water-based extraction
- **Fast** time to result
- **Superior** cross-reactivity
  
<table>
<thead>
<tr>
<th>Mycotoxin</th>
<th>Cross-Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>B₁</td>
<td>100%</td>
</tr>
<tr>
<td>B₂</td>
<td>91%</td>
</tr>
<tr>
<td>G₁</td>
<td>87%</td>
</tr>
<tr>
<td>G₂</td>
<td>64%</td>
</tr>
</tbody>
</table>

Advantages add up with **Reveal Q+ MAX**

- FGIS approved
- Common water extraction for multiple mycotoxins
- Unmatched accuracy and reproducibility
- The best technical and R&D support in the industry
- Quantitative results, 3–300 ppb

**Reveal® Q+ MAX for Aflatoxin**

**Aqueous Extraction**

**Product No. 8088**
Reveal® Q+ MAX for Aflatoxin

Aqueous Extraction

Note: Please read kit instructions completely before performing test.

1. Prepare by entering values into the Reveal AccuScan® Gold Reader

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

3. Add contents of 1 MAX 1 packet to the sample

4. Add 50 ml distilled or deionized water to the sample

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

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

7. Add 100 µl of sample diluent to the red dilution cup

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

9. Transfer 100 µl diluted sample extract to sample cup

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

11. Remove promptly at 6 minutes and interpret results using the Reveal AccuScan Gold reader.

12. Results shown on the AccuScan Gold. Samples greater than 50 ppb must be diluted and re-tested.

#8088 Reveal Q+ MAX for Aflatoxin

Threshold: 3–300 ppb
Time: 6 minutes

Materials Provided
- 25 Reveal Q+ MAX for Aflatoxin test strips
- 25 red sample dilution cups
- 25 clear sample cups
- 1 bottle of sample diluent
- 25 MAX 1 Aqueous Extraction packets
- Kit instructions for use

Materials Recommended but not Provided
- Sample collection cups with lids 125 mL (Neogen item 9428, 9428B)
- Sample collection tubes with caps (Neogen item 9421, 9421B)
- Filter syringes, Whatman #4 filter paper or equivalent (Neogen item 9420, 9429, 9519)
- Centrifuge, mini (Neogen item 9330)
- Microcentrifuge tubes (Neogen item 9172)
- 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)
- Pipettor, 100 µL (Neogen item 9475)
- Pipette tips, 1–200 µL (Neogen item 9860, 9290)
- Distilled or deionized water
- AccuScan Gold reader (Neogen item 9595) or AccuScan Pro reader

MAX 1 Aqueous Extraction packets (Neogen item 8089)
MAX 1–GIPSA Aqueous Extraction packets (Neogen item 8089G)