

# REVEAL® Q+ MAX FOR AFLATOXIN

PLEASE READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.



## Materials Provided:

25 Reveal® Q+ MAX for Aflatoxin test strips  
25 Red sample dilution cups  
01 Bottle of sample diluent  
25 MAX 1 Aqueous Extraction packets

**Product number: 8088**

**Threshold: 3–300 ppb**

**Testing time: 6 minutes**

Call 800.234.5333 to order or visit [NEOGEN.com](http://NEOGEN.com)

## Procedure



1 Prepare by entering the QR code into the Raptor® reader.



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



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



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



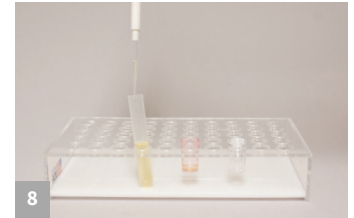
5 Shake vigorously for 3 minutes, or blend for 1 minute.



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



7 Add 250 µL of sample diluent to a red dilution cup.



8 Add 250 µL sample extract to the red dilution cup and mix up and down 5 times.



9 Insert strip into the Raptor cartridge.



10 Insert cartridge into the Raptor reader.



11 Add 400 µL of sample from the red dilution cup to the back of the Raptor cartridge. Reader will start automatically.



12 Results shown on the Raptor reader. \*Samples greater than 50 ppb must be diluted & re-run.



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# Reveal<sup>®</sup> Q+ MAX for Aflatoxin

Product Number: 8088

## Ordering Information

- 8088 Reveal<sup>®</sup> Q+ MAX for Aflatoxin
- 8089 MAX 1 Aqueous Extraction packets
- 9680 Raptor<sup>®</sup> Platform
- 9681 Raptor Cartridges



## Materials Recommended but Not Provided

NEOGEN Item	Extraction Materials
9428, 9428B	Sample collection cups with lids 125 mL
9421, 9421B	Sample collection tubes with caps
9330	Centrifuge, mini
9172	Microcentrifuge tubes
9448, 9447	Dispensing pump or graduated cylinder
9401, 9453	Agri-Grind grinder or equivalent
9427	Scale capable of weighing 5–50 grams ± 0.1 g
9426, 9452	Timer
9475	Reveal sample cup rack
9692	Pipettor, 250 µL
9693	Pipettor, 400 µL
9680	Raptor system
9681	Raptor cartridges
8089	MAX 1 Aqueous extraction packet
8089G	MAX 1 G50 Aqueous extraction packets
—	Distilled or deionized water

## Test with Confidence

NEOGEN<sup>®</sup> 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.

The Raptor reader allows the user to simply add sample and walk away — the instrument controls the volume, temperature and timing of your assay. The system allows you to run 3 samples at 1 time.

- **Simple** water-based extraction
- **Fast** time to result
- **Superior** cross-reactivity

