

REVEAL[®] MAX FOR AFLATOXIN

PLEASE READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.



Materials Provided:

25 test strips
25 sample cups
01 bottle of sample diluent
Kit instructions
25 MAX 1 aqueous extraction packets

Product number: 8018

Threshold: 20 ppb

Testing time: 3 minutes

Cross-reactivity: Aflatoxin B₁, B₂, G₁, G₂

Matrix: Corn and wheat

Call 800.234.5333 to order or visit NEOGEN.com

Procedure



1

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



2

Add contents of one MAX 1 packet to the sample



3

Add 50 mL of distilled or deionized water to sample.



4

Shake sample vigorously for 1 minute, or blend for 1 minute.



5

Allow the sample to settle.



6

Filter sample using a filter syringe or a Whatman #4 filter paper



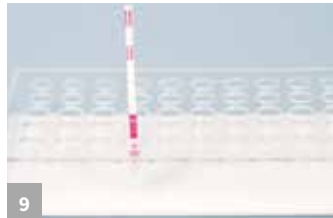
7

Add 200 μ L sample extract to the sample cup and mix 3 times.



8

Add 100 μ L of sample diluent to a sample cup.



9

Place a new Reveal MAX for Aflatoxin strip into a sample cup. Set timer for 3 minutes.



Read visually by holding strip up to line of sight. Strip must be read within 30 seconds after the 3 minute incubation.

Negative (less than 20 ppb): sample can be interpreted as soon as two lines are visible (1–2 minutes).

Positive (more than 20 ppb): sample should be interpreted at 3 minutes. No visible line in the test zone, but a visible line in the control zone.



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Reveal[®] MAX for Aflatoxin

Product Number: 8018

Ordering Information

8018 Reveal[®] MAX for Aflatoxin

Materials Recommended, Not Provided

NEOGEN Item	Extraction Materials
9401, 9453	Agri-Grind grinder or equivalent
9427	Scale capable of weighing 5–50 g ± 0.1 g
9426, 9452	Timer
9475	Reveal sample cup rack
9427	Scale capable of weighing 5–50 g ± 0.1 g
9426, 9452	Timer
9475	Reveal sample cup rack
9272, 9860	Pipettor, 100 µL
9407, 9410	Pipette tips 1–200 µL
9336	Pipettor 500 µL fixed
9330	Minicentrifuge
9172	Microcentrifuge tubes
9420	Filter syringes
9428	Sample collection cups
–	Distilled water

Simple and fast screening test

As a proven leader in the industry, NEOGEN[®] continues to offer innovative solutions for food and feed producers. NEOGEN has the widest product offering, and technical support that's available 24 hours a day.

- Rapid time to result
- Room temperature storage
- Visual Interpretation

