

REVEAL[®] FOR AFLATOXIN

DOWNLOAD AND READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.



Materials Provided:

25 Reveal[®] for Aflatoxin test strips
25 Sample cups
01 Bottle of sample diluent

Product number: 8016

Threshold: 20 ppb

Testing time: 3 minutes

Cross Reactivity: Aflatoxin B1, B2, G1, G2

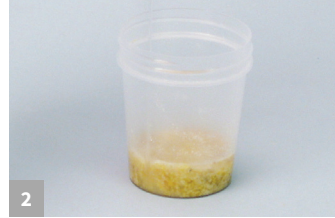
Matrix: Corn

Call 800.234.5333 to order or visit NEOGEN.com

Procedure



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



2 Add 20 mL of 65% ethanol to the sample cup.



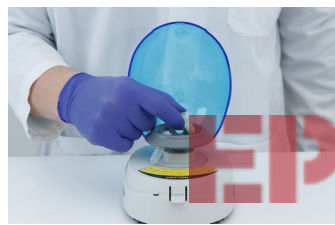
3 Shake the sample vigorously for 1 minute, or blend for 1 minute.



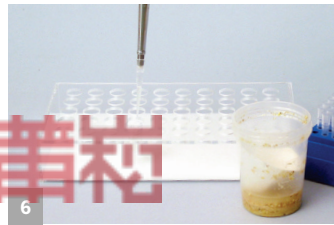
4 Allow the sample to settle.



5 Filter the sample using a filter syringe or using a Whatman #4 filter paper.



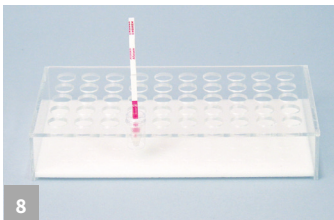
Or, pipet sample into a microcentrifuge tube and centrifuge for 30–60 seconds.



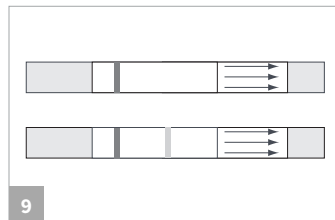
6 Add 100 μ L of sample extract to a sample cup.



7 Add 500 μ L sample of the diluent to the sample cup and mix three times.



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



9 Visually interpret the test results.

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[®] for Aflatoxin

Product Number: 8016

Materials Recommended, Not Provided

NEOGEN #	Item Description
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
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
8073, 8074	65% ethanol
9428	Sample collection cups with lids 125 mL
9421	Sample collection tubes with caps

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.

The Reveal[®] for Aflatoxin is a lateral flow assay that screens at 20 ppb. The results are read visually in only three minutes.

- **Fast** time to result
- **Convenient** room temperature storage
- **Visual** Interpretation

