

REVEAL® Q+ FOR AFLATOXIN

DOWNLOAD AND READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.



Materials Provided:

- 25 Reveal® Q+ for Aflatoxin test strips
- 25 Red sample dilution cups
- 25 Clear sample cups
- 01 Bottle of sample diluent

Product Number: 8085

Threshold: 3–100 ppb

Testing time: 6 minutes

Call 800.234.5333 to order or visit NEOGEN.com

Procedure



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



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



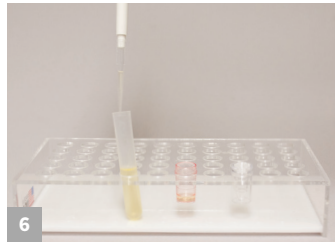
3 Add 50 mL of 65% ethanol to the sample.



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



5 Allow to settle, then filter or centrifuge the sample.



6 Add 100 µL of sample extract to a red dilution cup.



7 Add 500 µL of sample diluent to the red dilution cup and mix up and down 5 times.



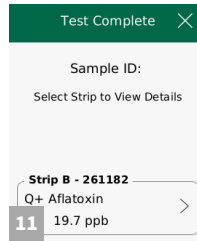
8 Insert the strip into the Raptor cartridge.



9 Insert the cartridge into the Raptor Solo reader.



10 Add 400 µL of the sample from the red dilution cup to the back of the Raptor cartridge. The reader will start automatically.



11 Results shown on the Raptor reader. Note: Samples over 100 ppb must be diluted and retested.



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Reveal[®] Q+

for Aflatoxin

Ethanol Extraction
Product Number: 8085

Ordering Information

8085 Reveal Q+ for Aflatoxin

9696 Raptor Solo System

9681 Raptor cartridges



Materials Recommended, Not Provided

NEOGEN #	Item Description
8073, 8074	65% ethanol solution
9428, 9428B	Sample collection cups with lids 125 mL
9421, 9421B	Sample collection tubes with caps
9420, 9429, 9519	Filter syringes, Whatman #4 filter paper or equivalent
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 g ± 0.1 g
9426, 9452	Timer
9475	Reveal sample cup rack
9463	Pipettor, 100–1000 µL
9464, 9487	Pipette tips 100–1,000 µL
9693	Pipettor 400 µL Fixed

Test with Confidence

NEOGEN[®] introduces Reveal[®] Q+ for Aflatoxin, an easy-to-use quantitative lateral flow test that provides unparalleled accuracy in only six minutes.

The Raptor[®] Solo reader allows the user to simply add sample and walk away — the instrument controls the volume, temperature, and timing of the assay.

- **Simple** procedure — just add the sample
- **Fast** time to result
- **Eliminate** operator errors

