



# REVEAL<sup>®</sup> Q+ MAX FOR DON

PLEASE READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.

## Materials Provided:

- 25 Reveal Q+ MAX for DON test strips
- 25 red sample dilution cups
- 25 clear sample cups
- 02 bottle of sample diluent
- 25 MAX 1 aqueous extraction packets
- Kit instructions for use

**Product number: 8388**

**Threshold: 0.3–6 ppm**

**Testing time: 3 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<sup>®</sup> reader



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



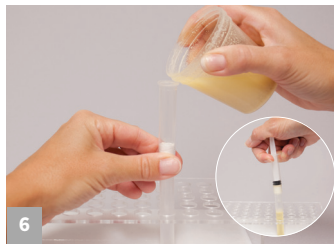
3 Add contents of 1 MAX 1 packet to the sample



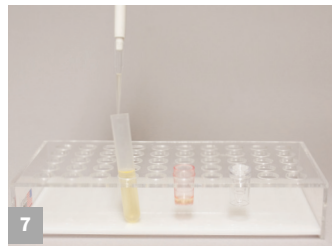
4 Add 50 mL distilled or deionized water to the sample



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 100  $\mu$ L sample extract to the red dilution cup and mix up and down 5 times



8 Add 1000  $\mu$ L of sample diluent to the red dilution cup



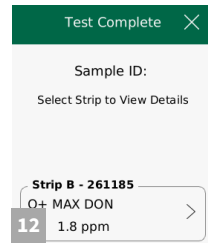
9 Insert strip into the Raptor reader



10 Insert the cartridge into the Raptor Solo reader



11 Add 400  $\mu$ L sample from the red dilution cup to the back of the Raptor Solo cartridge. Reader will start automatically



12 Results shown on the Raptor Solo reader  
**Note:** samples over 6 ppm must be diluted and retested



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## Ordering Information

8885 Reveal<sup>®</sup> Q+ MAX  
for DON  
9696 Raptor Solo Platform  
9681 Raptor Cartridges



## Materials Recommended but Not Provided

NEOGEN Item	Extraction Materials
9428, 9428B	Sample collection cups with lids 125mL
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 - 1000 µL
9693	Pipettor 400 µL
—	Distilled or deionized water
8089	MAX 1 Aqueous Extraction packets

## Test with Confidence

NEOGEN introduces Reveal Q+ MAX for DON, an easy-to-use quantitative lateral flow test that provides unparalleled accuracy in only three minutes. The new test's common aqueous extraction allows testers to use a single extraction and test for any of six mycotoxins, saving time on the extraction process. The DON kit's innovative technology yields precise and reproducible results.

The Raptor<sup>®</sup> Solo reader allows the user to simply add a sample and walk away — the instrument controls the volume, temperature, and timing of your assay.

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

