

Reveal® Q+ MAX for T-2/HT-2

Aqueous Extraction

Product Number: 8288

Ordering Information

- 8288 Reveal Q+ MAX
for T-2/HT-2
- 9680 Raptor system
- 9681 Raptor cartridges



Materials Recommended, Not Provided

| NEOGEN # | Item Description |
|------------------|--|
| 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 | Micro centrifuge 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 |
| 9293, 9292 | Pipette tips 200–1000 µL |
| 9693 | Pipettor, 400 µL |
| — | Distilled or deionized water |
| 8089 | MAX 1 Aqueous Extraction packets |
| 8089G | G50 Aqueous Extraction packets |

Test with Confidence

NEOGEN® introduces Reveal® Q+ MAX for T-2/HT-2, an easy-to-use quantitative lateral flow test that provides unparalleled accuracy in only five minutes.

The test utilizes the MAX common extraction allowing users to process one sample extract and test any of six mycotoxins. The aqueous extraction eliminates the need for hazardous materials and its innovative technology yields precise and reproducible results.

The Raptor® reader allows users to simply add sample and walk away — the instrument controls the volume, temperature, and timing of your assay. The system allows three samples to be run at one time.

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



REVEAL® Q+ MAX FOR T-2/HT-2

DOWNLOAD AND READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.



Materials Provided:

- 25 Reveal® Q+ MAX for T-2/HT-2 test strips
- 25 Red sample dilution cups
- 25 Clear sample cups
- 01 Bottles of sample diluent
- 25 MAX 1 Aqueous Extraction packets

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Threshold: 50–500 ppb

Testing time: 5 minutes

Call 800.234.5333 to order or visit 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.



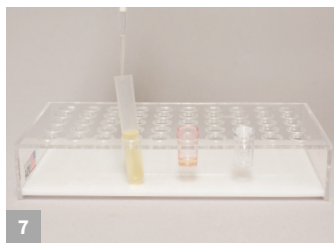
4 Add 50 mL distilled or deionized water to the sample.*



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 100 µL sample extract to the red dilution cup and mix up and down 5 times.



8 Add 1500 µL of sample diluent to the red dilution cup and mix by pipetting up and down 5 times.



9 Insert strip into the Raptor cartridge.



10 Insert cartridge into the Raptor reader.



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



12 Results shown on the Raptor reader.
*Samples greater than 500 ppb must be diluted and re-run.

