REVEAL® FOR MEAT SPECIATION

PLEASE READ KIT INSTRUCTIONS COMPLETELY BEFORE PERFORMING TEST.

Materials Provided:
10 Reveal® lateral flow test strips
10 Clear sample cups
10 Vials of sample diluent
10 Disposable 100 µL fixed volume pipettes
10 Disposable 200 µL fixed volume pipettes

Product Numbers:
9531 Reveal for Horse, 9532 Reveal for Pork, 9533 Reveal for Beef, 9534 Reveal for Poultry, 9535 Reveal for Sheep

Accessories: 9541 Reveal for Meat Speciation swabbing kit

Call 800.234.5333 to order or visit NEOGEN.com

Sample Extraction*

1. Obtain a representative raw meat sample. Blend or finely chop meat sample until homogenous.

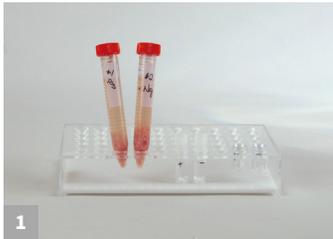**2.** Add 1 g of the meat sample to 10 mL distilled or deionized water.

3. Vigorously shake for 1 minute.

4. Allow the sample to settle and use the supernatant as the sample extract for testing.

For the CIP rinse and environmental swab extraction procedures, please refer to kit insert.

Testing Procedure

1. Take the appropriate number of sample diluent vials and sample cups from the test kit — label cups and vials on the outside for identification.

2. Remove the cap from the sample vial. Using a 200 µL fixed volume pipette, transfer 200 µL of the sample supernatant into the sample vial.
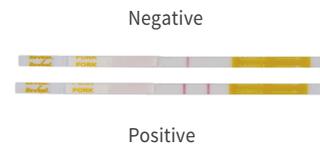
3. Re-cap the sample vial and mix by shaking for 10 seconds.

4. Using a 100 µl fixed volume pipette, transfer 100 µl of the sample extract from the sample vial into a new clear sample cup.

5. Place a new Reveal® test strip with the sample end down into the sample cup and set a timer for 5 minutes. Ensure the test strip comes into contact with liquid and begins to wick.

Negative

Positive

6. Interpret the results.

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Rapid Onsite Tests for the Detection of Unwanted Meat Species

The Reveal® family of tests makes it simple to screen for the presence of unwanted meat species in raw meat samples, rinse waters, and environmental swabs. Available for the detection of beef, sheep, poultry, horse, and pork, our Reveal tests are an extremely easy to use lateral flow format and offer excellent sensitivity and accuracy.

Our tests detect 0.5% of the target species' raw meat in a non-target raw meat matrix such as burgers, minced meat, and sausages. The tests can also be used to screen your environment, verifying your cleaning processes have been effective at reducing cross-contamination risk.

Perfect for raw meat processors, secondary processors, and food service industries, our tests utilize a simple one minute water extraction, followed by a five minute test time for fast, actionable results.

Speciation Laboratory Service Also Available

If you need a partner to carry out your speciation testing, are looking to verify your own onsite results or are looking to test cooked meat samples we also offer laboratory testing services.

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