



NEWS RELEASE

Neogen launches Reveal® Q+ for Aflatoxin M₁

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CONTACT: Nate Banner, Neogen Corporation, 517.372.9200

LANSING, Mich., Jan. 12, 2021 — Neogen Corporation (NASDAQ: NEOG) announced today that it has launched a quicker, easier test to detect aflatoxin M₁, a known cancer-causing toxin of concern to the global dairy industry.

Neogen's new **Reveal® Q+ for Aflatoxin M₁** can detect as little as 150 parts per trillion (ppt) of the toxin in milk samples in just minutes. The new test is designed for use with **Neogen's Raptor® Integrated Analysis Platform**, which controls the timing, temperature and reading of the test strips — allowing testers to simply add sample and walk away.

"Our addition of our test to detect aflatoxin M₁ with our Raptor system simplifies the testing process for dairy processors, as they can now use our patented Raptor system to simultaneously test for this toxin, as well as dairy antibiotics," said John Adent, Neogen's president and CEO. "Now, dairy processors can simultaneously test one sample for the presence of aflatoxin M₁ and classes of dairy antibiotics of known concern, including beta-lactams and tetracyclines. Testing milk samples doesn't get any easier."

Aflatoxin M₁ is a carcinogenic metabolite of aflatoxin B₁ that is produced in the rumen of dairy cattle. Many countries, including the United States and Brazil, have a regulatory limit of 500 ppt for aflatoxin M₁. The new test can detect aflatoxin M₁ in milk within a range of 150 to 600 ppt.



Reveal Q+ for Aflatoxin M₁ utilizes the same incubation temperature and time as Neogen's **BetaStar® antibiotic tests**, including tests for **beta-lactams** (e.g., amoxicillin, ampicillin and penicillin) and **tetracyclines**. The Raptor platform automatically incubates and analyzes up to three milk samples independently and simultaneously. The system also protects the integrity and consistency of testing data by processing and analyzing results without additional operator input.

Neogen offers the most comprehensive range of food safety diagnostic test products for foodborne bacteria, **mycotoxins, dairy antibiotics, food allergens**, and other concerns. Its full line of mycotoxin test kits detect aflatoxin, deoxynivalenol (DON), fumonisin, ochratoxin, T-2/HT-2, and zearalenone.

Neogen Corporation develops and markets products dedicated to food and animal safety. The company's Food Safety Division markets dehydrated culture media and diagnostic test kits to detect foodborne bacteria, natural toxins, food allergens, drug residues, plant diseases and sanitation concerns. Neogen's Animal Safety Division is a leader in worldwide biosecurity products, animal genomics testing and the manufacturing and distribution of a variety of animal healthcare products, including diagnostics, pharmaceuticals and veterinary instruments.