

DON Test Kits (STORE TEST KITS AT 2–25°C)

DON (Vomitoxin) is chemically known as Deoxynivalenol, DON is produced most commonly by the pink mold *Fusarium Graminearum*. It can cause gastrointestinal illness in humans. In animals, it can cause vomiting, feed refusal, immune suppression, and weight loss, especially in swine. *Fusarium* species can mainly affect Corn, Wheat, Oats and Barley.

Quantitative Kit Recommendation (Actual ppb Reading):

AgraStrip® DON WATEX® Range 0–30 ppm, 10g extraction, 24 Tests	No. COKAS4000WS ¹
AgraStrip® DON WATEX® Range 0–30 ppm, 50g extraction, 24 Tests	No. COKAS4000W ^{1,2}

Zearalenone Test Kits (STORE TEST KITS AT 2–25°C)

Zearalenone is known to cause estrogenic effects such as precocious development in swine. The toxin is formed by the *Fusarium* species and mainly affects Corn, Wheat, Sorghum, Barley and Rye. These kits allow a rapid analysis of a wide range of food and feed samples with assay times of three minutes.

Quantitative Kit Recommendation (Actual ppb Reading):

AgraStrip® WATEX® Zearalenone, Range 0–1 ppm, 10g extraction, 24 Tests	No. COKAS5000WS ¹
AgraStrip® WATEX® Zearalenone, Range 0–1 ppm, 50g extraction, 24 Tests	No. COKAS5000W ^{1,2}

Fumonisin Test Kits (STORE TEST KITS AT 2–25°C)

Fumonisin are tumor promoters and are known to cause total carcinogenesis and liver diseases in both humans and animals. Fumonisin (FB1, FB2, and FB3) commonly infect Corn, Rice, Sorghum and Barley. The FDA/USDA Working Group on Fumonisin advises less than 4 ppm for products for human consumption, less than 5 mg/kg in horse feed, less than 10 mg/kg for swine feed, and less than 50 mg/kg for cattle feed. It is recommended to harvest grain without kernel damage and store them under moisture levels below 14% to avoid contamination.

Quantitative Kit Recommendation (Actual ppb Reading):

AgraStrip® Total Fumonisin WATEX® Range 0–30 ppm, 10g extraction, 24 Tests	No. COKAS3000WS ¹
AgraStrip® Total Fumonisin WATEX® Range 0–30 ppm, 50g extraction, 24 Tests	No. COKAS3000W ^{1,2}

Accessories

Recommended Accessories for Aflatoxin, Vomitoxin, Zearalenone, and Fumonisin Kits:

AgraVision™ Reader Set-Up with Printer, Mycotoxin Tray and Incubator, 110V	No. EQASR1010
Digital Scale, Capacity: 420g x 0.1g, AC Power Supply Included	No. SPX421
Digital Timer	No. EQOLE1302
Mill Series II, 115V	No. EQMMS2010
Blender Extraction Jars, 8oz, Pkg of 12	No. EQOLE1025
Graduated Cylinder 100ml	No. EQOLE1050
StatPet, 1ml Fixed (Tan)	No. EQOLE1142
Mini pipette, 50uL (Green)	No. COOLS1153
Mini pipette, 100uL (Blue)	No. COOLS1254
4L Distilled Water	No. COSST2038
Forcep, 6" Length, Blunt Point, Nickel Plated	No. 662
U.S. Testing Sieve, 20 Mesh, 8" Diameter, Full Height, Brass	No. 20BB8F
Bottom Pan for U.S. Sieve, Brass	No. PB8F
Cover with Ring for U.S. Sieve, Brass	No. CB8W/R

¹Agravisision Reader required ²USDA/AMS approved