



Precise, On-Site Aflatoxin Results for Animal Feeds and Pet Food

VICAM's Afla-V™ ONE answers one of today's toughest animal feed safety challenges with a simple, full range aflatoxin test that delivers quantitative results in just minutes for complete animal feeds and pet foods. Aflatoxin is the toxic byproduct of several mold species which are natural inhabitants of soil. Classified as a Group I carcinogen by the International Agency for Research on Cancer (IARC), aflatoxins (B₁, B₂, G₁ & G₂) present serious risks to human and animal health.

The consumption of contaminated feeds - even at very low concentrations - can result in reduced feed intake, immune suppression, reduced milk production in dairy cattle, and severe losses in growth and feed efficiency for most animal species. To safeguard livestock health and production, more than 100 countries currently enforce strict regulatory limits for aflatoxins in cereal grains, feedstuffs and complete feeds.

Afla-V ONE is the first lateral flow strip test method of its kind, able to accurately quantify total aflatoxins (B₁, B₂, G₁ & G₂) in finished feeds using one method for both feed and pet food samples. A simple barcode calibrates the Vertu TOUCH reader, eliminating the risks and cost associated with toxin-dependent calibration. Afla-V ONE also eliminates the need for sample batching, delivering on-time data for product quality and safety management when and where it can provide the best value. For unmatched speed, safety and economy, Afla-V ONE is the new standard in aflatoxin testing for finished feeds and pet foods.

BENEFITS

Safe - Eliminates toxic calibration chemicals

Value - No hidden costs or sample batching required

Fast screening - Actionable results in 5 minutes*

Sensitive - Limits of detection as low as 2 ppb

Wide range - 0 to 300 ppb†

Convenient - Easily performed onsite or in the lab

Accurate - Results equivalent to HPLC methods

Durable - Long shelf life

HERE'S HOW SIMPLE AFLA-V ONE IS TO USE:

- Weigh sample
- Add Extraction Solution
- Blend
- Transfer sample to test vial containing diluent
- Mix well, transfer 100 µL to Afla-V test strip
- Incubate the Test Strip for 5 minutes
- Insert the test strip into Vertu TOUCH Reader
- Read results

Afla-V™ ONE
QUANTITATIVE STRIP TESTS



*compared with traditional rapid and laboratory methods

**after extraction † Using high range procedure

This procedure has been validated for a wide range of finished feeds, including pet food

ORDERING INFORMATION

Cat. No.	Description
176005106	Afla-V ONE Kit (25 Tests)*

Vertu Basic Equipment Package**

Cat. No.	Description
176004970	Vertu TOUCH Basic Equipment Package, 110/220V

Vertu PREP Mixer

Cat. No.	Description
600001928	Vertu PREP Mixer base, 110/220V
600001929	Vertu PREP Reusable Extraction Tubes (5/Pk)

Vertu Consumables and Supplies

Cat. No.	Description
600001968	Graduated Cylinder, 50 mL
100000634	Vertu ONE Diluent, 6 mL
600001108	Micro-Pipettor, 100 µL
600001109	Micro-Pipette Tips, 100 µL (25/pk)
715007893	Afla-V ONE Instructions Poster
600000813	Strip Test Vial (25/pk)
600001107	Strip Test Vial Rack

* Included with Afla-V ONE Kit: Afla-V HS Strips (25); Vertu ONE Diluent; Strip Test Vials (25); Micro-Pipette Tips, 100 µL (50); Afla-V ONE Instruction Guide/ Afla-V ONE Barcode Card

** Included with Vertu TOUCH Mycotoxin BEQ: Vertu TOUCH Reader, Vertu TOUCH Protective Case; Graduated Cylinder, 50 mL; Micro-Pipettor, 100 µL; Strip Test Vial Rack (1); Digital Timer; Micro-Pipette Tips, 100 µL (25); Vertu PREP Mixer; Vertu PREP Extraction Tubes (5/Pk) Digital Pocket Balance; Vertu TOUCH IQuick Start Guide; Dymo printer; set of power adapters.



Try our Mycotoxins
Regulations Tool at
www.commodityregs.com

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