



Fast, Precise and Solvent-Free Results

VICAM's Afla-V™ AQUA answers one of today's toughest food safety challenges with a simple, water-based aflatoxin test that delivers precise quantitative results in just minutes while eliminating the risks and expense associated with on-site solvent use and disposal. 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), aflatoxin presents serious risks to human and animal health, resulting in economic losses due to animal disease and reduced production efficiency.

Afla-V AQUA Strip Tests utilize the proven sensitivity and selectivity of VICAM's monoclonal antibodies to accurately detect and measure total aflatoxins (B₁, B₂, G₁ & G₂) at levels as low as 2 ppb and as high as 300 ppb. Afla-V AQUA eliminates the need for hazardous solvents using a water-based hands-free extraction procedure that develops in just 5 minutes. Results are displayed on the digital screen and may also be printed or transferred to Microsoft Excel for storage and use as a vital quality assurance tool.

BENEFITS

Sustainable – Safe, solvent-free testing

Fast screening – Results in 5 minutes*

Simple – No special training required

Sensitive – Limits of detection as low as 2 ppb

Convenient – Easily performed onsite or in the lab

Durable – Long shelf life

Accurate – Real-time data which can be printed or downloaded to a computer

Wide Range – 2 to 300 ppb†

HERE'S HOW SIMPLE VICAM TESTS ARE TO USE:

- Weigh sample
- Add AQUA Solution, mix
- Filter
- Transfer to the Afla-V test strip
- Incubate the test strip for 5 minutes
- Insert the Afla-V test strip into the Vertu TOUCH Reader
- Read results

Afla-V™ AQUA™
QUANTITATIVE STRIP TESTS



*after extraction

†with dilution

ORDERING INFORMATION

Cat. No.	Description	Sample Type
176004972AB	Afla-V AQUA VT Kit (25 Tests)	corn, sorghum, soy, wheat

Kit Contents

Cat. No.	Description	Sample Type
100000247AB	Afla-V Strips w/Barcode (25/Pk)	corn, sorghum, soy, wheat
600001109	Micro-pipette tips (100 µL)	
600001716	V-Cup w/Filter, (25/Pk)	
715007432	Afla-V AQUA VT Procedure Poster (corn, sorghum, soy & wheat)	

Required but not included

Cat. No.	Description
100000339	AQUA premix solution (900 mL)
100000345	AQUA premix solution (4 L)
100000347	AQUA premix solution (20 L)

Vertu TOUCH Basic Equipment Packages

Cat. No.	Description
176004970	Vertu TOUCH Basic Equipment Package, 110V/220V
176005142	Vertu TOUCH Basic Equipment Pkg, w/out Printer, 110V/220

Equipment Package Contents

Cat. No.	Description
725000678	Vertu TOUCH Reader
725000685	Vertu Sensor Dongle
600001928	Vertu PREP Mixer Base, 110/220V
176005007	Vertu PREP Mixer w/5 Tubes, 110/220V
600001926	Vertu TOUCH Dymo Printer, 110/220V
G4036	Digital Timer
600001108	Micro-Pipettor, 100 µL

Supplies/Consumables

(included with Equipment Package)

Cat. No.	Description
600001724	Digital Pocket Balance
715007522	Vertu TOUCH Reader Quick Start Guide
600001933	Vertu TOUCH Reader Protective Case
600001929	Vertu PREP Extraction Tubes
600001109	Micro-Pipette Tips, 100 µL
600001939	Vertu TOUCH Printer Label/Paper, 1 Roll
600001107	Strip Test Vial Rack
600000937	Graduated Cylinder, 25 mL

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Waters™ | **VICAM™**

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