



## Precise On-Site Results for Multiple Mycotoxins

VICAM's Myco 5-in-1 PLUS strip tests, paired with the **NEW** Vertu™ TOUCH lateral flow reader, answer one of today's toughest food and agricultural safety and regulatory challenges with a simple, eco-friendly strip test that delivers accurate, quantitative results for up to SIX mycotoxins in just 10 minutes. Recent studies show that multiple mycotoxins occur in more than half of cereal grain samples, compelling global grain handlers and processors to adapt preventive monitoring strategies for aflatoxin, vomitoxin (DON), fumonisin, ochratoxin A, T-2, HT-2 and zearalenone.

Aflatoxin is known to cause immune suppression, acute liver failure and is a potent carcinogen even at low concentrations. When ochratoxin A co-occurs with aflatoxin in poultry feed, a significant decrease in growth rate (P less than 0.05) and a rise in flock mortality have been observed. The ability to detect and quantify multiple mycotoxins enables on-time raw materials management, saving valuable time and rework, while protecting livestock health and safety.

Myco 5-in-1 PLUS enables grain and feed managers to obtain critical quality data before raw materials are accepted into storage or processing. Using a single, 30-second water-based extraction, the Vertu TOUCH delivers fully quantitative results for up to SIX toxins in less than 10 minutes, with a 77% savings in time and consumables costs.

### BENEFITS

**Fast screening** – Quantify 6 mycotoxins in 10 minutes!

**Simple** – One water based extraction

**Versatile** – On-board storage for method calibrations and sample results

**Accurate** – Precise results automatically stored, printed or shared to a central PC

**Wide Range** – Full range detection for up to 6 mycotoxins

**Sustainable** – Water based extraction, fewer consumables, less waste!

### HERE'S HOW SIMPLE MYCO 5-IN-1 PLUS IS TO PERFORM:

- Weigh Sample
- Add AQUA Solution
- Mix and Filter
- Transfer Extract to Test Strip(s)
- Develop/Incubate and Read After 5 Minutes\*



\* For DON, pre-warm DON-V strip, apply sample, develop in incubator for 5 min.

## ORDERING INFORMATION

**Myco 5-in-1 PLUS requires the purchase of ONE complete kit,\* then simply add strips for additional mycotoxins**

Step 1 – Select ONE Complete Kit		Step 2 – Choose Additional Test Strips		
Cat. No.	Description	Cat. No.	Description	Barcode
176004972	Afla-V AQUA VT Kit (25 Tests) (0–100 ppb)	100000247	Afla-V Strips (25/Pk)	VT EU Barcode
176004973	DON-V AQUA VT Kit (25 Tests) (0–16 ppm)	100000246	DON-V Strips (25/Pk)	VT AQUA Barcode
176004974	Fumo-V AQUA VT Kit (25 Tests) (0–100 ppm)	100000264	Fumo-V Strips (25/Pk)	VT AQUA Barcode
176004976	Zearala-V AQUA VT Kit (25Tests) (0–5 ppm)	100000286	Zearala-V Strips (25/Pk)	VT AQUA Barcode
176004975	Ochra-V AQUA VT Kit (25 Tests) (0–30 ppb)	100000284	Ochra-V Strips (25/Pk)	VT AQUA Barcode
176004977	T2/HT2-V AQUA VT Kit (25 Tests) (0–800 ppb)	100000569	T2/HT2-V Strips (25/Pk)	VT AQUA Barcode

### Vertu Basic Equipment Packages, Reagents & Supplies\*\*

Cat. No.	Description
176004970	Vertu TOUCH Basic Equipment Package, 110/220V
600001928	Vertu PREP Mixer Base, 110/220V
176005007	Vertu PREP Mixer w/5 Tubes, 110/220V
600001929	Vertu PREP Extraction Tubes (5/pk)
100000339	AQUA Premix Solution
176004430	Range Extender Pack (Strip Test Vials & Pipette Tips)

### Required for DON Testing

Cat. No.	Description
176003201	Complete Mini Incubator, 110V
176003202	Complete Mini Incubator, 220V



Try our Mycotoxins  
Regulations Tool at  
[www.commodityregs.com](http://www.commodityregs.com)

\* Included with the Afla-V AQUA VT Kit: Afla-V Strips (25); V-Cup Filters (25); Micro-Pipette Tips, 100 uL (25); Afla-V AQUA VT Instruction Poster(s).

\*\* Included with the Vertu TOUCH Basic Equipment Package: Vertu TOUCH Reader; Vertu PREP Mixer; Reusable Extraction Tubes (5); Vertu TOUCH Dymo Printer; Pocket Balance; Digital Timer; Micro-Pipettor, 100uL (1); Strip Test Vial Rack (1); Graduated Cylinder, 25mL; Micro-Pipette Tips, 100uL (25); Vertu TOUCH Reader Protective Case; Vertu TOUCH Printer Labels/Paper, 1 Roll.

Subject to change without notice.

©2024 Waters Corporation. Waters, VICAM, Afla-V, DON-V, Fumo-V, Ochra-V, T2/HT2-V, Zearala-V, and Vertu are trademarks of Waters Corporation.

The analytical methods presented in this data sheet have been researched and developed by VICAM to be used exclusively with Vertu products. These methods have been validated in the VICAM laboratories to perform to the specifications indicated in the Vertu procedures. The user assumes all risk in using Vertu procedures and products. VICAM makes no warranty of any kind, expressed or implied, other than that Vertu products conform to VICAM's printed specification and quality control standards. VICAM will, at its option, repair or replace any product, or part thereof, which proves to be defective in workmanship or material. VICAM's undertaking to repair or service such products is exclusive and is in lieu of all other warranties whether written, oral, expressed, or implied, including any implied warranty of merchantability or fitness for a particular purpose. VICAM shall have no liability for anticipated or lost profits or any loss, inconvenience or damage whether direct, indirect, incidental, consequential or otherwise, to person or property, or for strict liability or negligence arising from or in connection with the use of these assay procedures or Vertu products.

**Waters™** | **VICAM™**

#### Orders:

1848 N Deffer Drive  
Nixa, MO 65714 USA  
Tel: +1.877.228.4244  
+1.417.725.6588  
Fax: +1.417.725.6102  
[orders@vicam.com](mailto:orders@vicam.com)

#### Headquarters:

34 Maple Street  
Milford, MA 01757 USA  
Tel: +1.800.338.4381  
+1.508.482.4935  
Fax: +1.508.482.4972  
[www.vicam.com](http://www.vicam.com)