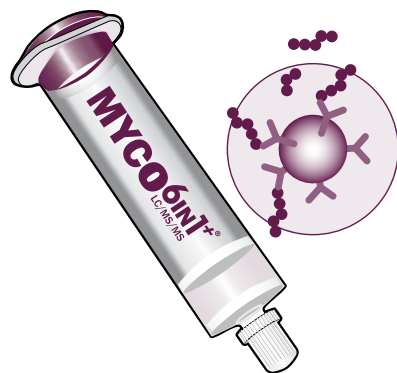




Precise, Numerical Results

Countries around the world are continuing to introduce new legislation requiring control of mycotoxin levels in food and feed. At the same time, research is confirming that different mycotoxins in the same product can act synergistically to cause more harm than would be expected from simply adding the effects of the individual toxins. As a result, laboratories must be equipped to detect and quantify multiple toxins simultaneously in food and agricultural products. VICAM, the world's leading provider of mycotoxin testing solutions, has developed a first-of-its-kind multi-mycotoxin immunoaffinity (IA) column for the simultaneous detection of aflatoxins, ochratoxin A, fumonisins, deoxynivalenol, zearalenone, T-2, HT-2, and nivalenol. Designed for use with LC/MS/MS detection — one of the most advanced, accurate, and widely used analytical methods in the world — VICAM's Myco6in1⁺® LC/MS/MS IA column enables laboratories to simultaneously determine multiple mycotoxins with unmatched sensitivity, selectivity, and speed.

The patented* Myco6in1⁺ LC/MS/MS IA column is a quantitative tool which combines the proven strengths of selective monoclonal antibodies and liquid chromatography combined with tandem mass spectrometry to deliver precise numerical results. Simple, streamlined, and easy-to-use, the Myco6in1⁺ LC/MS/MS IA column requires only one sample and a single pass through the column, minimizing time and materials costs while improving laboratory productivity. VICAM continues to provide the optimized technology that delivers high recoveries, accurate results, and the reliability you've come to expect.



BENEFITS

Exclusive – For use with LC/MS/MS, HPLC with PDA, fluorescence detector and post-column derivatization or UPLC with an ACQUITY® QDa® Mass Detector

Accurate – Meets European Committee for Standardization (CEN) criteria for mycotoxin analysis methods

Comprehensive – Detects aflatoxins, deoxynivalenol, nivalenol, fumonisins, ochratoxin A, zearalenone, and T-2 and HT-2 toxins with one simple test

Convenient – One sample, one pass through the column to detect multiple mycotoxins

Durable – Long shelf life

Economical – One test provides results for multiple toxins, saving time and materials

HERE'S HOW SIMPLE VICAM TESTS ARE TO USE:

SAMPLE EXTRACTION

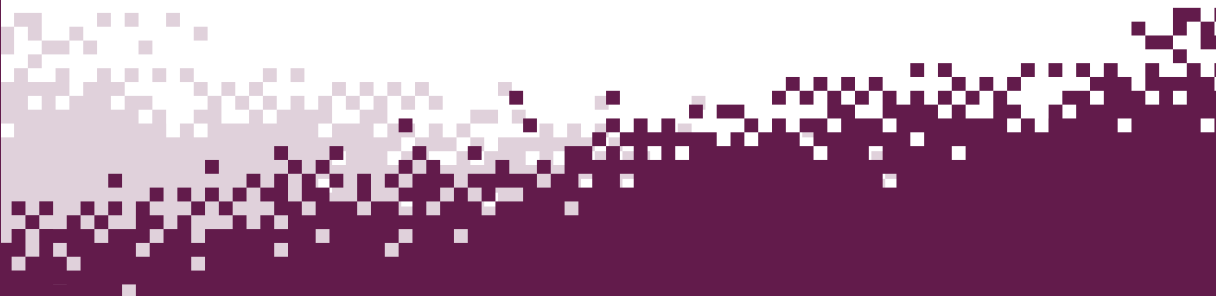
- Grind and weigh sample
- Extract
- Filter
- Evaporate extract

CAPTURE AND ELUTE

- Add PBS
- Pass extract over column
- Wash column
- Elute toxins and collect in cuvette

QUANTITATE

- Dry down and reconstitute eluate
- Inject onto LC/MS/MS



ORDERING INFORMATION

Cat. No.	Description
100000176	Mycobin 1+ LC/MS/MS Columns (25 per box)
G1113	Phosphate Buffered Saline, 10X concentrate (150 mL)
600001360	Micro-pipettor, 1.0 mL adjustable
20050	Graduated Cylinder, 50 mL
20100	Digital Scale with AC Adapter
20250	Graduated Cylinder, 250 mL
20656	Micro-pipette Tips for 1 mL Micro-pipettor (100)
20700	Wash Bottle, 500 mL
G4061	Single Position Stand with Air Pump†
36010	Disposable Plastic Beakers (25 per pack)
36022	Filter Funnel, 105 mm (4)
G1118	WB Column Coupling (6)
20200	Commercial blender with Stainless Steel container (110V)
20300	Eberbach glass blender jar (500 mL)
35016	Methanol, HPLC grade (4 x 4L)

Also required; must be sourced locally:

Acetic Acid, Glacial (HPLC Grade)
 Ammonium Acetate (mass spectrometry grade)
 Distilled, Reverse Osmosis, or Deionized Water
 Whatman N.4 Paper
 Silanized 20 mL glass tubes
 Optional: Vacuum manifold

† Multiple position pump stands available

* US Patent 8,198,032 (2012)

Subject to change without notice.

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