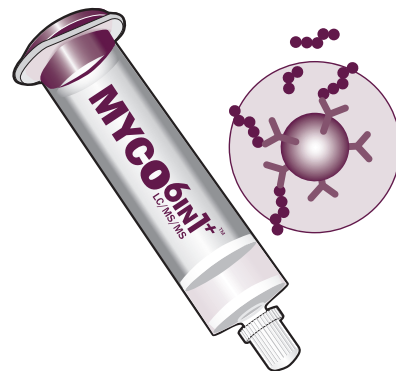


Precise, Numerical Results

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 and HPLC with PDA, fluorescence detector and post-column derivatization

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

Comprehensive – Detects aflatoxins, deoxynivalenol, 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

CULTIVATING SUCCESS THROUGH SCIENCE™:

SAMPLE EXTRACTION

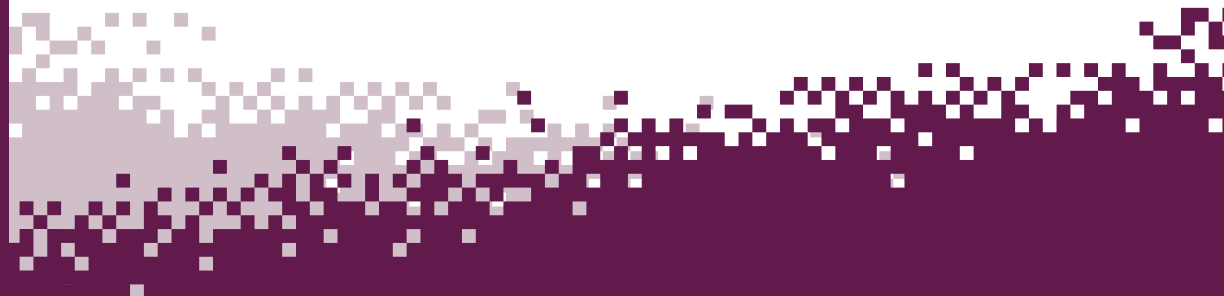
- Grind and weigh sample
- Extract
- Centrifuge
- Evaporate extract

CAPTURE AND ELUTE

- Re-dissolve in 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

Description	Part Number	Also required; must be sourced locally:
Mycobin1+ LC/MS/MS Columns (25 per box)	100000176	Acetic Acid, Glacial (HPLC Grade)
Phosphate Buffered Saline, 10X concentrate (150 mL)	G1113	Ammonium Acetate (mass spectrometry grade)
Micro-pipettor, 1.0 mL	G4033	Centrifuge Capable of 3000 x g
Graduated Cylinder, 50 mL	20050	Relative Centrifugal Force
Digital Scale with AC Adapter	20100	Distilled, Reverse Osmosis, or Deionized Water
Graduated Cylinder, 250 mL	20250	Orbital Shaker
Micro-pipette Tips for 1 mL Micro-pipettor (100)	20656	Whatman GFA Microfibre Filters
Wash Bottle, 500 mL	20700	** Multiple position pump stands available
Cuvette Rack	21010	
Single Position Stand with Air Pump**	G4061	
Disposable Cuvettes (250 per pack)	34000	
Disposable Plastic Beakers (25 per pack)	36010	
Filter Funnel, 65 mm (10 per pack)	36020	

* US Patent 8,198,032 (2012)

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