



OchraTest™ WB Affinity Column

Precise Numerical Results

Ochratoxin A is a mycotoxin produced by the fungus *Aspergillus ochraceus* and also by several species of *Penicillium* fungi. Frequently found in green coffee, ochratoxin A will remain present even after the roasting process.

Ochratoxin A (OTA) is also commonly found in wine, baby food, raw and processed cereals, and dried vine fruits—all of which are regulated by European limits as low as 0.5 ppb. Known to cause kidney damage in animals and as a carcinogen, OTA finds its way into human and animal diets not only from EU-regulated commodities, but also from barley, oats, and sorghum.

Using monoclonal antibody-based affinity chromatography, *OchraTest™WB* is a new HPLC-only test for the detection of ochratoxin A using wide bore immunoaffinity columns. With a total volume of 3 mL, compared to the total of 1 mL in VICAM's standard columns, *OchraTest WB* allows for a faster flow rate preferred by many laboratories and is the ideal cleanup step for any HPLC.

OchraTest WB is one of many wide bore columns available from VICAM. Through the development of this fast-flow WB product line, VICAM demonstrates a commitment to improving mycotoxin testing and responding to our customers' needs.

Benefits:

Exclusive – Specifically for HPLC use

Durable – Long shelf life; requires no refrigeration

Versatile – For use with a variety of samples

Quick – 10 minutes to isolate toxin*

Wide Range – Detects levels as low as .25 ppb and as high as 100 ppb

Fast Flow – Passes more volume over the column

Here's How Simple OchraTest WB is to Use:

Extract Sample

- Grind and weigh sample
- Add salt and methanol/water mixture
- Filter

Dilute and Filter

- Dilute extract
- Filter

Absorb and Elute

- Pass filtrate over *OchraTest WB* affinity column
- Wash column
- Elute ochratoxin A and collect in a cuvette

Measure

- Dilute and inject eluate into HPLC
- Determine ochratoxin A concentration

Ordering Information*

Cat. No.	Description
----------	-------------

G1033	OchraTest WB Columns (25 per Box)
G1034	OchraTest WB Columns (50 per Box)
31240	VICAM Fluted Filter Paper, 24 cm (100)
31955	Microfiber Filters, 1.5 µm, 11 cm (100)
34000	Disposable Cuvettes (250 per Pack)
35016	Methanol, HPLC Grade (4 X 4 L)
36010	Disposable Plastic Beakers (25 per pack)
G1113	10X concentrate of PBS (150 mL)
G1124	Noniodized Sodium Chloride (Salt, NaCl)
G1118	WB Column Coupling (6)
20050	Graduated Cylinder, 50 mL
20250	Graduated Cylinder, 250 mL
20100	Digital Scale with AC Adapter
20200	Commercial Blender with Stainless Steel Container
20700	Wash Bottle, 500 mL
21010	Cuvette Rack

Cat. No.	Description
----------	-------------

21020	Single Position Pump Stand†
23040	Vortex Mixer
20501	500 mL Bottle Dispenser for Methanol (0-3 mL range)
36020	Filter Funnel, 65 mm (10 per Pack)
36022	Filter Funnel, 105 mm (4 per pack)
G4033	Micro-pipettor, 1 mL
20656	Micro-pipette Tips for 1 mL Micro-pipettor (100)

Also required; must be sourced locally:

Distilled, Reverse Osmosis, or Deionized Water

Ochratoxin Standard 50 ng/µL from Supelco

† Multiple position pump stands available

* The green coffee procedure for OchraTest WB requires different materials and equipment. Please consult your sales representative for additional information.

Subject to change without notice.

©2006 VICAM. OchraTest WB is a trademark of VICAM.

All VICAM products are protected by worldwide patents and trademarks.

The analytical methods presented in this data sheet have been researched and developed by VICAM to be used exclusively with OchraTestTMWB products. These analytical methods have been validated in the VICAM laboratories to perform to the specifications indicated in the OchraTest WB procedures.

The user assumes all risk in using OchraTest WB analytical procedures and products. VICAM makes no warranty of any kind, expressed or implied, other than that OchraTest WB 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 OchraTest WB products.



→ Cultivating Success through Science®

313 Pleasant Street
Watertown, MA 02472 USA

Tel: 800.338.4381
+ 1.617.926.7045

Fax: + 1.617.923.8055

vicam@vicam.com