



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. A potent kidney toxin and known carcinogen, OTA finds its way into human and animal diets not only from EU-regulated commodities, but also from barley, oats, and sorghum. OchraTest WB increases antibody volume compared to the level of standard VICAM columns, facilitating faster flow through the column and more efficient HPLC or LC/MS/MS sample preparation in your laboratory.

Using monoclonal antibody-based affinity chromatography, OchraTest™ WB is a new HPLC, UPLC and LC/MS/MS 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.

BENEFITS

Exclusive – Specifically for HPLC, UPLC or LC/MS/MS 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 0.25 ppb and as high as 100 ppb

Fast Flow – Passes more volume over the column



HERE'S HOW SIMPLE VICAM TESTS ARE TO USE:

EXTRACT SAMPLE

- Grind and weigh sample
- Add salt and solvent/water mixture
- Blend and filter

DILUTE AND FILTER

- Dilute extract
- Filter

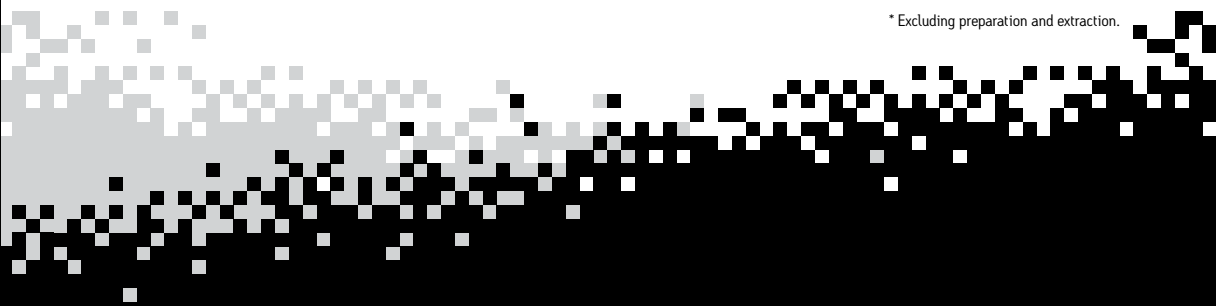
ABSORB AND ELUTE

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

MEASURE

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

* Excluding preparation and extraction.



ORDERING INFORMATION

Cat. No.	Description	Cat. No.	Description
G1033	OchraTest WB Columns (25 per Box)	21020	Single Position Pump Stand†
176002721	OchraTest WB HPLC Kit (50 Columns and 1 Standard)	23040	Vortex Mixer
100000188	OchraTest WB HPLC Kit (100 Columns and 1 Standard)	20501	500 mL Bottle Dispenser for Methanol (0–3 mL range)
31240	VICAM Fluted Filter Paper, 24 cm (100)	36020	Filter Funnel, 65 mm (10 per Pack)
31955	Microfiber Filters, 1.5 µm, 11 cm (100)	36022	Filter Funnel, 105 mm (4 per pack)
34000	Disposable Cuvettes (250 per Pack)	G4033	Micro-pipettor, 1 mL
35016	Methanol, HPLC Grade (4 X 4 L)	20656	Micro-pipette Tips for 1 mL Micro-pipettor (100)
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		

Also required; must be sourced locally:

Distilled, Reverse Osmosis, or Deionized Water
Centrifuge

*Multiple position pump stands available

Subject to change without notice.

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The analytical methods presented in this data sheet have been researched and developed by VICAM to be used exclusively with OchraTest WB 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.

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