



Precise Numerical Results

Ochratoxin A is a mycotoxin produced by the fungus *Aspergillus ochraceus* and also by several species of *Penicillium*. Ochratoxin A is known to cause kidney damage in animals and is also a probable carcinogen based on animal studies. Using monoclonal antibody-based affinity chromatography, OchraTest™ from VICAM is the trusted ochratoxin test that produces precise numerical results.

OchraTest is safe and simple. It can be performed in less than 10 minutes and requires no special skills. Results may be recorded using a digital fluorometer readout or automatic printing devices. OchraTest is also ideal as the cleanup step for any HPLC analysis.

Designed for room temperature storage with an extended shelf-life, OchraTest outperforms other methods with superior ruggedness, accuracy and ease-of-use. With OchraTest, you get: sensitivity, simplicity, and speed — quick tests for parts per billion levels. In fact, no other test comes close for speed, quantification, and economy.



BENEFITS

Convenient – For use with fluorometer or HPLC

Durable – Long shelf life; requires no refrigeration

Versatile – Can be used with a variety of samples

Quick – Less than 10 minutes to isolate toxin*

Wide Range – Detects levels as low as 0.10 ppb and as high as 100 ppb

Easy – No special skills required, test can be performed virtually anywhere

Safe – Requires less toxic materials than other methods

HERE'S HOW SIMPLE VICAM TESTS ARE TO USE:

EXTRACT SAMPLE

- Grind and weigh sample
- Add methanol/water mixture
- Blend and filter

DILUTE AND FILTER

- Dilute extract
- Filter

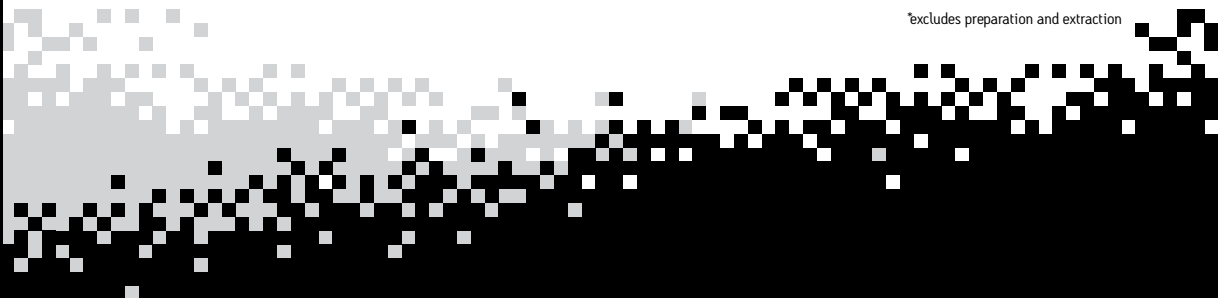
ABSORB AND ELUTE

- Pass filtrate over OchraTest affinity column
- Wash column with buffer and water
- Elute ochratoxin and collect in cuvette

MEASURE

- Place cuvette into a calibrated fluorometer, or inject eluate into HPLC
- Determine ochratoxin concentration

*excludes preparation and extraction



ORDERING INFORMATION

Cat. No.	Description	Cat. No.	Description
176002720	OchraTest HPLC Kit (50 Columns + 1 Standard)	21010	Cuvette Rack
G1042	OchraTest HPLC Kit (100 Columns + 1 Standard)	21020	Single Position Pump Stand†
G1037	OchraTest HPLC Kit (250 Columns + 2 sets Standards)	23040	Vortex Mixer
G1038	OchraTest HPLC Kit (500 Columns + 4 sets Standards)	31240	VICAM Fluted Filter Paper, 24 cm (100)
13012	OchraTest Columns (25 per box)	31955	Microfiber Filters, 1.5 µm, 11 cm (100)
G1105	5x Concentrate of 2% Tween PBS, (300mL)*	31967	Kim Wipes
G1112	10x Concentrate of 0.1% Tween PBS, (150 mL)*	32016	OchraTest Eluting Solution (50 mL)
G1113	10x Concentrate PBS Buffer (150 mL)*	33020	Mycotoxin Calibration Standards
G1114	10x Concentrate of 0.01% Tween PBS, (150 mL)*	34000	Disposable Cuvettes (250 per pack)
G1124	Noniodized Sodium Chloride (Salt, NaCl)	35016	Methanol, HPLC Grade (4 x 4 L)
G2005	Microfiber Filters, 1.0 µm, 9 cm (100)	36010	Disposable Plastic Beakers (25 per pack)
G4033	Micro-pipettor, 1 mL	36020	Filter Funnel, 65 mm (10 per pack)
FLSEREX	Series-4EX® Fluorometer	36022	Filter Funnel, 105 mm (4 per pack)
G8035	OchraTest Upgrade Pack**		
20050	Graduated Cylinder, 50 mL		
20100	Digital Scale with AC Adapter		
20200	Commercial Blender with Stainless, Steel Container		
20250	Graduated Cylinder, 250 mL		
20300	Glass Blender Jar		
20501	500 mL Bottle Dispenser for Methanol, (0-3 mL range)		
20656	Micro-pipette Tips for 1 mL, Micro-pipettor, (100)		
20657	Disposable Plastic Pipets, 1.5 mL, (50 per pack)		
20700	Wash Bottle, 500 mL		

Also required, must be sourced locally:

Distilled, Reverse Osmosis, or Deionized Water
Sodium Bicarbonate

* Different tests may require different buffer, please consult your sales representative for additional information.

** Included in OchraTest Upgrade Pack: plastic pipettes (50), OchraTest eluting solution, 10x concentrate, 0.1% Tween PBS, 10x concentrate PBS, and Instruction Manual

† Multiple position pump stands available

Subject to change without notice.

©2015 Waters Corporation. Waters, The Science of What's Possible, VICAM, and Series-4EX are registered trademarks of Waters Corporation. OchraTest is a trademark of Waters Corporation.

The analytical methods presented in this data sheet have been researched and developed by VICAM to be used exclusively with OchraTest products. These methods have been validated in the VICAM laboratories to perform to the specifications indicated in the OchraTest procedures. The user assumes all risk in using OchraTest procedures and products. VICAM makes no warranty of any kind, expressed or implied, other than that OchraTest 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 products.

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

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