

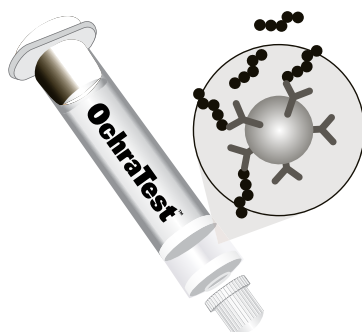


## Precise Numerical Results

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

### CULTIVATING SUCCESS THROUGH SCIENCE™:

#### EXTRACT SAMPLE

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

#### DILUTE AND FILTER

- Dilute extract
- Filter

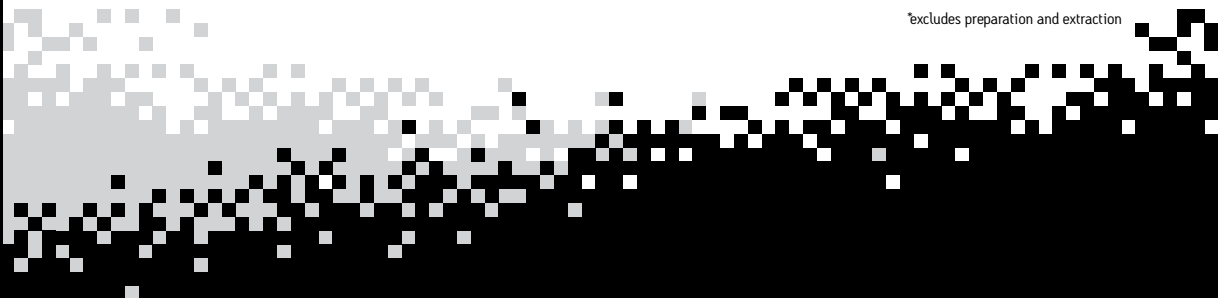
#### ABSORB AND ELUTE

- 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
G8006	OchraTest Basic Equipment Package 110 V	20657	Disposable Plastic Pipets, 1.5 mL, (50 per pack)
G8007	OchraTest Basic Equipment Package 220 V	20700	Wash Bottle, 500 mL
G1021	OchraTest Columns (50 per box)	21010	Cuvette Rack
G1042	OchraTest HPLC Kit (100 Columns + 1 Set Standards)	21020	Single Position Pump Stand†
G1037	OchraTest HPLC Kit (250 Columns + 2 Set Standards)	23040	Vortex Mixer
G1038	OchraTest HPLC Kit (500 Columns + 4 Set 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)
G1130	Acetonitrile (4 x 4 L)	36010	Disposable Plastic Beakers (25 per pack)
G2005	Microfiber Filters, 1.0 µm, 9 cm (100)	36020	Filter Funnel, 65 mm (10 per pack)
G4033	Micro-pipettor, 1 mL	36022	Filter Funnel, 105 mm (4 per pack)
G8000	Series-4EX Fluorometer™		
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)		

**Also required, must be sourced locally:**

Distilled, Reverse Osmosis, or Deionized Water  
Sodium Bicarbonate

†Multiple position pump stands available

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

Subject to change without notice.

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