



Precise Numerical Results

OchraTest™ Affinity Column

Ochratoxin A is a mycotoxin produced by the fungus *Aspergillus ochraceus* and also by several species of *Penicillium*. Ochratoxin A has been known to cause kidney damage in animals and is considered a carcinogen. 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.

Unaffected by heat or humidity, *OchraTest* has a long shelf life. With *OchraTest*, you have the best of all worlds: 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 0.25 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 OchraTest is to Use:

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
G8006	<i>OchraTest</i> ™ Basic Equipment Package 110 V
G8007	<i>OchraTest</i> Basic Equipment Package 220 V
G1021	<i>OchraTest</i> Columns (50 per box)
13012	<i>OchraTest</i> Columns (25 per box)
G1105	5x Concentrate of 2% Tween PBS (300 mL)*
G1112	10x Concentrate of 0.1% Tween PBS (150 mL)**
G1113	10x Concentrate PBS Buffer (150 mL)
G1114	10x Concentrate of 0.01% Tween PBS (150 mL)*
G1124	Noniodized Sodium Chloride (Salt, NaCl)
G1130	Acetonitrile (4 x 4 L)
G2005	Microfiber Filters, 1.0 µm, 9 cm (100)
G4033	Micro-pipettor, 1 mL
G8000	<i>Series-4EX Fluorometer</i> ™
G8035	<i>OchraTest</i> 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)

Cat. No.	Description
20700	Wash Bottle, 500 mL
21010	Cuvette Rack
21020	Single Position Pump Stand†
23040	Vortex Mixer
31240	VICAM Fluted Filter Paper, 24 cm (100)
31955	Microfiber Filters, 1.5 µm, 11 cm (100)
31967	Kim Wipes
32014	Mycotoxin Wash Buffer (200 mL)
32016	<i>OchraTest</i> Eluting Solution (50 mL)
33020	Mycotoxin Calibration Standards
34000	Disposable Cuvettes (250 per pack)
35016	Methanol, HPLC Grade (4 x 4 L)
36010	Disposable Plastic Beakers (25 per pack)
36020	Filter Funnel, 65 mm (10 per pack)
36022	Filter Funnel, 105 mm (4 per pack)

Also required; must be sourced locally:

Distilled, Reverse Osmosis, or Deionized Water
Sodium Bicarbonate

* Coffee procedures require different material and equipment. Please consult your sales representative for additional information.

** Required for testing of currants, figs, and raisins.

† 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*™ products. These analytical methods have been validated in the VICAM laboratories to perform to the specifications indicated in the *OchraTest* procedures.

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