



OchraTest™

MYCOTOXIN TESTING SYSTEM

- **Quick** – Less than 10 minutes to test (excluding sample preparation and extraction)
- **Sensitive** – Detects levels as low as 1 ppb for Fluorometer and 0.25ppb for HPLC
- **Wide Range** – Measures levels as high as 100 ppb
- **Convenient** – Uses same extract and instrumentation for testing for other mycotoxins
- **Easy** – No special skills required, test can be performed virtually anywhere
- **Safe** – Requires less toxic materials than conventional methods

Precise Numerical Results

Ochratoxin A is a mycotoxin produced by the fungus *Aspergillus ochraceus* and also by several species of *Penicillium* fungi. Ochratoxin A has been known to cause kidney damage in animals and is considered a carcinogen. Using monoclonal affinity chromatography, OchraTest from VICAM is the only 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. And, you have the best of all worlds: sensitivity, simplicity, and speed - quick tests for parts per billion levels. OchraTest is also ideal as the cleanup step for any HPLC analysis.

Unaffected by heat or humidity, OchraTest has a long shelf life. In fact, no other test comes close for speed, quantification, and economy.

Here's how simple OchraTest is to use:

Extract Sample

- Grind and weigh sample
- Blend sample with methanol / water mixture
- Filter

Dilute and Filter

- Dilute a portion of filtered extract
- Filter

Absorb and Elute

- Pass a portion of filtrate over OchraTest affinity column
- Wash column with Mycotoxin Wash Buffer and with water
- Elute ochratoxin from the column and collect in a cuvette

Measure

- Place cuvette into a calibrated fluorometer and read results in ppb, or
- Inject eluate into HPLC
- Determine ochratoxin concentration by HPLC



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MYCOTOXIN TESTING SYSTEM

OchraTest:

- **Digital readout in ppb or can be used as a clean up for HPLC**
- **Requires no special storage or refrigeration**
- **Has shelf life of 18 months**
- **Not affected by heat or humidity up to 30°C**
- **Can be used with a variety of samples**

Ordering Information

Cat. No.	Description
G8006/ G8007	OchraTest Series-4 Fluorometer Basic Equipment Package G8006, 110 V for U.S.A. / G8007, 220 V for international Includes Series-4 Fluorometer; Series-4 printer paper; mycotoxin instructional video, waste collection beaker; filter funnels (65 mm), disposable plastic beakers, glass syringe (10 mL), disposable cuvettes, mycotoxin calibration standards, OchraTest eluting solution (50 mL), mycotoxin wash buffer (200 mL), Kim Wipes tissues, microfibre filters (11 cm), VICAM fluted filter paper (24 cm), single position pump stand (10 mL), cuvette rack, wash bottle (500 mL), disposable plastic pipets (1.5 mL), 2 glass blender jars (500 mL), graduated cylinder (250 mL), commercial blender with stainless steel container; digital scale with adapter; graduated cylinder (50 mL) and OchraTest instruction manual.*

Each item available individually.

Cat. No.	Description
13012	OchraTest columns (25)
G1021	OchraTest columns (50)
32014	Mycotoxin wash buffer
32016	OchraTest eluting solution
33020	Mycotoxin calibration standards
34000	Cuvettes (250)
G8035	OchraTest upgrade pack - disposable plastic pipets (1.5 mL), mycotoxin wash buffer (200 mL), OchraTest eluting solution (50 mL)

*The Green Coffee procedure for OchraTest requires different materials and equipment. Please consult your sales representative for additional information.



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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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