



## A Rapid, Precise Test for Ochratoxin in Cocoa and other Complex Samples

VICAM's Ochra-V™ MAX answers one of today's toughest food safety challenges with a unique approach to lateral flow strip testing for ochratoxin A. Ochra-V MAX delivers precise, fully quantitative data for ochratoxin A using a powerful pairing of immunoaffinity column and lateral flow strip test capabilities, enabling first of its kind rapid testing for complex samples such as cocoa powder.

Ochratoxin A is the toxic byproduct of Aspergillus and Penicillium molds found in cocoa, cereal grains, coffee, soy, wine, spices, dried fruit, and other food and agricultural products. Known to cause immune suppression, kidney damage and classified as a probable carcinogen by the International Agency for Research on Cancer (IARC), ochratoxin A is strictly regulated by Maximum Allowable Levels in domestic and imported food and agricultural products across multiple trade regions.

	Ochratoxin A Regulatory Limit (ppb)
Brazil	10
Chile	5
European Union	3

Ochra-V MAX strip tests are designed for use with the Vertu® TOUCH Lateral Flow Reader. Highly sensitive and selective monoclonal antibodies enable quality teams to accurately determine total ochratoxin A levels in cocoa powder at levels as low as 0.5 ppb and as high as 10 ppb.\* The simple, easy to use procedure saves time and materials, and the test takes only 15 minutes\*\* to complete, resulting in actionable data to support on-time quality management.

### HERE'S HOW SIMPLE VICAM TESTS ARE TO USE:

#### PREPARE SAMPLE:

- Weigh sample
- Extract with MAX Extraction Solution
- Mix and Filter
- Pass sample through OchraTest™ 100 Column
- Rinse, incubate, elute sample
- Transfer to the Ochra-V strip test
- Develop the strip test for 5 minutes
- Insert the Ochra-V strip test into the Vertu TOUCH Reader
- Read/print/share results

### BENEFITS

**Sustainable** - Safe, solvent-free testing

**Fast screening** - Results in 15 minutes

**Simple** - No special training required

**Sensitive** - Limits of detection as low as 0.5 ppb\*

**Versatile** - Easy to perform onsite or in the lab

**Durable** - Extended shelf life

**Accurate** - Highly specific, monoclonal antibody detection

**Wide Range** - 0.5 to 10 ppb



Ochra-V™ MAX  
QUANTITATIVE STRIP TESTS

\*limits of detection will vary based on procedure  
\*\*after extraction

## ORDERING INFORMATION

### Strip Tests

Cat. No.	Description
176005316	Ochra-V MAX Kit (25 Tests)

#### Kit contains:

100000284	Ochra-V Strips (25)
176005317	OchraTest 100 Columns (25)
600001413	Microfibre Filters, 25/Pk
600001109	Micropipette Tips, 100 µL (75)
100000684	MAX Extraction Powder, 30g
100000685	MAX Eluting Solution, 6 mL
600001572	Plastic Cuvettes (25/PK)
715008807	Ochra-V MAX Procedure Poster

### Pump Stand

600002054	2-Position Pump Stand (10 mL) with Plastic Syringes
600002051	4-Position Pump Stand (10 mL) with Plastic Syringes

### Supplies

600001572	Cuvettes, plastic (25/Pk)
176003201	Complete Mini Incubator 110V
176003202	Complete Mini Incubator 220V

### Ochra-V MAX Basic Equipment Package

Cat. No.	Description*
176005318	Ochra-V MAX BEQ w/Printer, 110/220V

#### Package contains:

725000678	Vertu TOUCH Reader, 110/220V
725000685	Vertu TOUCH Sensor
600001928	Vertu PREP Mixer Base
600001929	Vertu PREP Tubes (5)
600002014	Dymo 550 Printer, 110/220V
600002016	Dymo 550 Printer Paper/Labels, 1 Roll
600002050	3 mL Plastic Syringe, (3)
600001145	Plastic Syringe Barrel (1)
36020	Filter Funnels, 65 mm (10)
600001968	50 mL Graduated Cylinder, Plastic
600001108	Micropipette, 100 µL
600001109	Pipette Tips, 100 µL
21010	Cuvette Holder, Plastic (1)
G4036	Digital Timer (1)
600001724	Digital Pocket Balance
20700	Wash Bottle, 500 mL
G4065	Waste Collection Beaker (1)



Try our Mycotoxins  
Regulations Tool at  
[www.commodityregs.com](http://www.commodityregs.com)

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