



Precise, Quantitative and Fast Detection of T-2 and HT-2 with Vertu™ TOUCH

VICAM's T2/HT2-V quantitative strip tests answer one of today's toughest agricultural safety and production challenges with a simple, water-based strip test that delivers precise quantitative results for T-2 and HT-2 in just minutes while eliminating the risks and expense associated with on-site solvent use and disposal. Ten times more toxic than vomitoxin (DON), T-2 and HT-2 are Type A Tricothecene mycotoxins which target the immune system of livestock, resulting in serious health complications such as skin lesions, hemorrhagic fever, and shock. T-2 has also been linked with the dangerous human disease alimentary toxic aleukia (ATA).

Global regulatory agencies recommend specific guidelines for T-2 and HT-2, enabling raw materials handlers and feed manufacturers to safeguard animal health, while ensuring optimal production and profitability. Enforceable limits range from 80 ppb in animal feed in China, up to 2,000 ppb recommended level for oat milling products intended for animal feed production in the EU. In addition, the EU recommends limiting T-2 and HT-2 to levels as low as 15 ppb for human foods intended for infants and young children, and up to 100 ppb for cereal processing products intended for human foods.

T2/HT2-V AQUA Strip Tests utilize the proven sensitivity and selectivity of VICAM's monoclonal antibodies to accurately detect and measure combined T-2 and HT-2 at levels as low as 10 parts per billion (ppb) and as high as 800 ppb. T2/HT2-V AQUA eliminates the need for hazardous solvents, using a water-based extraction procedure that requires no dilution step and develops in just 5 minutes. Results are displayed on the touch screen display and may also be printed or transferred to a computer for storage and use as an integral part of your grain or feed quality assurance strategy.

HERE'S HOW SIMPLE T2/HT2-V IS TO USE:

PREPARE SAMPLE:

- Weigh Sample
- Add AQUA Solution
- Mix 30 Seconds
- Filter
- Transfer to T2/HT2-V Test Strip
- Incubate the Test Strip for 5 Minutes
- Insert the T2/HT2-V Test Strip into the Vertu TOUCH Reader
- Read Result
- Optional: Print or Share/Transfer Result

BENEFITS

Fast Screening – Results in 5 minutes

Simple – No special training required

Sensitive – Limit of detection as low as 10 ppb

Convenient – Easily performed onsite or in the laboratory

Durable – Long shelf life

Accurate – Real-time data which can be printed or transferred to a spreadsheet

Wide Range – 10–800 ppb

T2/HT2-V™ AQUA™
QUANTITATIVE STRIP TESTS





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ORDERING INFORMATION

Cat. No.	Description
176004977	T2/HT2-V AQUA VT Kit (25 Tests)

Vertu Basic Equipment Package

Cat. No.	Description*
176004970	Vertu TOUCH Mycotoxin BEQ, 110V

T2/HT2-V AQUA Kit Contents

Cat. No.	Description
100000569	T2/HT2-V Strip Test Pack (25 Tests) w/Barcode
600001716	V-Filter w/Cup (25)
600001109	Micro-Pipette Tips, 100 µL
715007437	T2/HT2-V AQUA VT Instruction Guide

Extraction Solution

Cat. No.	Description
100000339	AQUA Premix Solution (900 mL)
100000345	AQUA Premix Solution (3.6 L)
100000347	AQUA Premix Solution (18 L)

* Included with the Vertu Mycotoxin BEQ: Vertu TOUCH Reader w/Vertu Sensor; Vertu PREP Mixer Base and Tubes; Graduated Cylinder, 50 mL; Micro-Pipettor, 100 µL; ; Micro-Pipette Tips, 100 µL (25); Micro-Pipettor, 100-1,000 µL; Pipette Tips, 1 mL (25) Strip Test Vial Rack (1); Digital Timer; Digital Pocket Balance; Vertu TOUCH Quick Guide; Dymo 550 Printer and Printer Label/Paper Roll, 1 ea.



Try our Mycotoxins
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