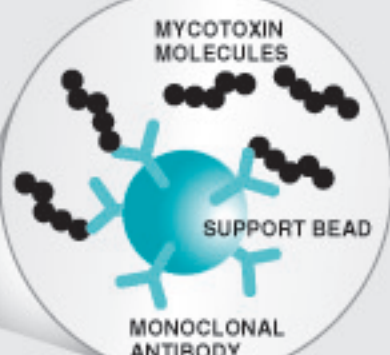


DONtest TAG™

MYCOTOXIN TESTING SYSTEM



VICAM
DONtest TAG Column



- **Quick** – Results in less than 15 minutes (excluding sample extraction)
- **Sensitive** – Detects levels as low as 0.50 ppm
- **Wide Range** – Measures up to 5.0 ppm
- **Convenient** – Uses same methods and instrumentation as other VICAM mycotoxin tests
- **Easy** – Little training required
- **Safe** – Requires less toxic materials than other methods

Precise Numerical Results

Deoxynivalenol (DON) is also known as vomitoxin because of its impact on livestock through interference with animal growth and acceptance of feed. DON is often present with other mycotoxins and has been isolated from grains and feeds throughout the world, at levels as high as 92 ppm. DON has been implicated in moldy corn toxicosis of swine and may play a role in the human disease alimentary toxic aleukia. Because of concerns about DON, many customers require levels of less than 2.0 ppm for animal feed and 1.0 ppm for commodities destined for human consumption.

Like all of VICAM's rapid mycotoxin tests, DONtest TAG™ uses column chromatography to isolate DON, which is then quantified in ppm by a fluorometer. In addition to its speed, sensitivity, and accuracy, DONtest TAG is easy to use.

Here's how simple DONtest TAG is to use:

Extract Sample

- Grind and weigh sample
- Blend sample with PEG/salt water mixture
- Filter

Sample Preparation

- Add Developer

Run Column

- Pass mixture through a DONtest TAG affinity column
- Wash column with water
- Elute DON from the column with methanol and collect in a cuvette

Measure

- Place cuvette into a calibrated fluorometer
- Read results in ppm



DONtest TAG™

MYCOTOXIN TESTING SYSTEM

DONtest TAG:

- Digital readout in ppm
- Detects DON, but not related mycotoxins
- Requires no special storage
- Has shelf life of one year
- Can be used with a variety of samples

Ordering Information

Cat. No.	Description
G8038/	DONtest TAG Series-4 Fluorometer Basic Equipment Package Includes Series-4 Fluorometer; Series-4 printer paper; graduated cylinder (250 mL), bottle dispenser for methanol (500 mL), digital scale and adapter; commercial blender with stainless steel container; 2 glass blender jars (500 mL), micro-pipettor (500 µL), large micro-pipet tips, wash bottle (500 mL), cuvette rack, 4 position pump stand (60 mL), 2 plastic syringes (60 mL), VICAM fluted filter papers (24 cm), disposable beakers, cuvettes, filter funnels (105 mm), vortex mixer, Kim Wipes tissues, silicone stoppers, polyethylene glycol (PEG), DONtest TAG instruction manual. <i>Each item available individually.</i>

Cat. No.	Description
G1020	DONtest TAG columns (25)
G5008	DONtest TAG developer – one 15 mL bottle of developer
G5011	DONtest TAG standard solution set
35016	Methanol, HPLC grade, 4 x 4 L bottles
G8039	DONtest TAG upgrade pack - micro-pipettor (500 µL), large micro-pipet tips, filter funnels (105 mm), Polyethylene glycol (PEG), silicone stoppers, 4 position pump stand (60 mL), plastic syringes (60 mL)



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The analytical methods presented in this data sheet have been researched and developed by VICAM to be used exclusively with DONtest TAG™ products. These analytical methods have been validated in the VICAM laboratories to perform to the specifications indicated in the DONtest TAG procedures.

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