



HERE'S HOW SIMPLE DON-V ONE IS TO USE:

- Weigh sample, add water, mix and filter
- Transfer sample, add water
- Transfer sample, add diluent
- Mix Well
- Transfer 100 µL to DON-V test strip
- Wait 5 minutes, read result

Precise, On-Site Vomitoxin (DON) Results for Animal Feeds and Pet Food

VICAM's DON-V™ ONE answers one of today's toughest animal feed safety challenges with a simple, full range vomitoxin (DON) test that delivers quantitative results in just minutes for complete animal feeds and pet foods. Nicknamed vomitoxin for its severe effects on the gastrointestinal system, DON is linked to reduced feed intake, poor weight gain, and immunosuppression in susceptible livestock species, even at low concentrations (1 to 3 ppm). Concerns about acute DON toxicity, as well as the risks of chronic exposure in animals and humans, continue to fuel surveillance of grain crops and finished feed and pet food products worldwide.

The United States FDA has instituted advisory levels of 1 ppm for wheat products for human consumption, 5 ppm for grain products for most animal feeds and 10 ppm for grain products for cattle feed. The European Community regulates DON levels from less than 0.2 ppm in processed cereal-based foods for infants and young children to less than 1.75 ppm for unprocessed wheat. In Asia, regulations for DON range from 0.2 to 4 ppm.

DON-V ONE is the first lateral flow strip test method of its kind, able to accurately quantify DON in complete feeds using one method for finished feed and pet food formulations. Universal barcode calibration eliminates the cost and technique dependence associated with traditional rapid tests. DON-V ONE also eliminates the need for sample batching, delivering quality and safety data when and where it can provide the most value. For unmatched speed, safety and economy, DON-V ONE is the new standard in DON testing for finished feeds and pet foods.

BENEFITS

Safe – Eliminates toxic calibration chemicals

Value – No hidden costs or sample batching required

Fast screening – Actionable results in 5 minutes*

Sensitive – Limits of detection as low as 0.20 ppm

Wide range – 0.20 to 40 ppm†

Convenient – Easily performed on-site or in the lab

Accurate – Results equivalent to HPLC methods

DON-V™ ONE
QUANTITATIVE STRIP TESTS



*after extraction † Using high range procedure

This procedure has been validated for a wide range of finished feeds, including pet food



facebook.com/vicamwaters



@vicamwaters



linkedin.com/company/vicam



youtube.com.com/vicamwaters

ORDERING INFORMATION

Cat. No.	Description
176005226	DON-V <i>ONE</i> Kit (25 Tests)*

Vertu Basic Equipmpment Package**

Cat. No.	Description
176004970	Vertu TOUCH Basic Equipment Package, 110/220V

Vertu PREP Mixer

Cat. No.	Description
600001928	Vertu PREP Mixer base, 110/220V
600001929	Vertu PREP Reusable Extraction Tubes (5/Pk)

Vertu Consumables and Supplies

Cat. No.	Description
600001968	Graduated Cylinder, 50 mL
100000634	<i>ONE</i> Diluent, 6 mL
600001108	Micro-Pipettor, 100 µL
600001109	Micro-Pipette Tips, 100 µL (25/pk)
600001993	Micro-Pipettor, 100–1,000 µL
600001570	Micro-Pipette Tips, 1 mL (25/Pk)
600000813	Strip Test Vials (25/pk)
600001107	Strip Test Vial Rack
715008394	DON-V <i>ONE</i> Instruction Poster

* Included with DON-V *ONE* Kit: DON-V Strips (25); *ONE* Diluent; Strip Test Vials (25); Micro-Pipette Tips, 100 µL (75); DON-V *ONE* Instruction Guide; DON-V *ONE* Barcode Cards

** Included with Vertu TOUCH Mycotoxin BEQ: Vertu TOUCH Reader, Vertu TOUCH Protective Case; Graduated Cylinder, 50 mL; Micro-Pipettor, 100 µL; 100–1,000 µL Mico-Pipettor; Micro-Pipette Tips, 1 mL; Strip Test Vial Rack (1); Digital Timer; Micro-Pipette Tips, 100 µL (25); Vertu PREP Mixer; Vertu PREP Extraction Tubes (5/Pk) Digital Pocket Balance; Vertu TOUCH IQuick Start Guide; Dymo printer; set of power adapters.



Try our Mycotoxins
Regulations Tool at
www.commodityregs.com

Subject to change without notice.

©2022 Waters Corporation. Waters, The Science of What's Possible, VICAM, Vertu, and DON-V are registered trademarks of Waters Corporation.

The analytical methods presented in this data sheet have been researched and developed by VICAM to be used exclusively with DON-V and DON-V AQUA products. These methods have been validated in the VICAM laboratories to perform to the specifications indicated in the DON-V, DON-V *ONE* and DON-V AQUA procedures. The user assumes all risk in using DON-V, DON-V *ONE* and DON-V AQUA procedures and products. VICAM makes no warranty of any kind, expressed or implied, other than that DON-V, DON-V *ONE* and DON-V AQUA products conform to VICAM's printed specification and quality control standards. VICAM will, at its option, repair or replace any product, or part thereof, which proves to be defective in workmanship or material. VICAM's undertaking to repair or service such products is exclusive and is in lieu of all other warranties whether written, oral, expressed, or implied, including any implied warranty of merchantability or fitness for a particular purpose. VICAM shall have no liability for anticipated or lost profits or any loss, inconvenience or damage whether direct, indirect, incidental, consequential or otherwise, to person or property, or for strict liability or negligence arising from or in connection with the use of these assay procedures or DON-V and DON-V AQUA products.

Waters™ | **VICAM™**

Orders:

1848 N Deffer Drive
Nixa, MO 65714 USA
Tel: +1.877.228.4244
+1.417.725.6588
Fax: +1.417.725.6102
orders@vicam.com

Headquarters:

34 Maple Street
Milford, MA 01757 USA
Tel: +1.800.338.4381
+1.508.482.4935
Email: vicam@vicam.com
www.vicam.com

720007798EN December 2022 IH-POD

Waters
THE SCIENCE OF WHAT'S POSSIBLE.™