

EZ-TOX[™] DON

EZ TOX DON KIT

Catalog #600600-DON

(600 tests)

Reagent A	10/kit
Reagent B	10/kit
Calibrator Sets	5/kit
Nunc Plates	10/kit



CONSUMABLES REQUIRED

Description	Size
Pipette Tips	3000 (3 bags)
Test Cups w/ lid	1000 (2 boxes)
Transfer Pipettes	750 (3 boxes)
Microcentrifuge Tubes	1000 (2 bags)
Washable Reagent Trays	10 sets (1 bag)



HARDWARE REQUIRED

Single Channel Pipette
8-Channel Pipette
Bio-Tek Reader
Microcentrifuge
Microcentrifuge Tube Holder
Desktop computer & printer
EZ-Tox software



EZ-TOX[™] DON

Introducing the next generation of rapid, easy-to-use grain analysis.

The EZ-Tox DON reagent test is an innovative solution that delivers significant advantages over conventional ELISA testing. We have applied the technology used in today's hospital labs & clinics, to design the first quantitative DON test that meets the challenges of accuracy and speed at the grain elevator.



The **EZ-Tox™ DON** test is

ACCURATE & PRECISE!

- Matches Gold Standard Methods (GC-ECD, HPLC, ELISA)

MUCH FASTER!

- One 3 - minute incubation.
- From grind to results in less than 10 minutes.

EASY TO RUN!

- New streamlined extraction process.
- No wash step.

Diagnostix offers the EZ-Tox™ DON as part of a complete solution to meet our customer's needs.



Instrumentation

Diagnostix employs an 8-channel and a single channel pipette, a BioTek® 808IU Spectrophotometer, combined with the EZ-Tox™ software.



Software

The EZ-Tox™ software provides an on-screen set of instructions that guides the user step by step through the assay procedure. Key features also include reports and colour graphs of sample results.



New Extraction Protocol

Diagnostix has created a new streamlined process for extraction of grain/water samples. We have replaced the wash step, long incubation time, and filtering process with a mini-centrifuge that provides a clear extract in seconds.



Service & Support

As part of our commitment to quality, Diagnostix provides on-site installation and training. To ensure quality control we provide reference material and conduct regular service and maintenance for the pipettes and instrument.

Assay Procedure

From prepared sample to results in less than 10 minutes.

1. Extraction

Load sample on microcentrifuge and spin

Time
1:40

2. Assay

Add reagents, calibrators, and samples

4:29

Close lid, click on mouse, wait for results

3:00

Total Method Time

9:09

Product Specifications	
Dynamic Range	0.25 – 5.0 ppm
Coefficient of Variation	< 10%
Total Assay Time	< 10 minutes
Calibrators per strip	3 (0.5, 1.0, 3.0 ppm)
Samples per kit	600

EZ-Tox™ Software



Easy to use, on screen instructions.



Reports and colour graphs of sample results.