

# QuickTox™ Kit for QuickScan - DON (Vomitoxin)

## Wheat bran - Wheat flour Wheat middlings Oats

# QuickGuide

### Sample Preparation



Collect and grind a representative sample per Product Insert instructions  
(flour does not need to be ground)



Ground too coarse =  
improper extraction

### Test Procedure

(more detailed instructions  
in the Product Insert)



1. Add a 20 to 50 gram  
sub-sample to container



2. Add 5 mL/gram room  
temperature tap water  
(example: 100 mL for 20  
gram sample)



3. Shake on mechanical  
shaker (or vigorously by hand)  
for 60 seconds (wheat)  
or 30 seconds (oats)



4. Take 1 mL of top layer of extract  
and centrifuge 3 minutes (wheat)  
or 1 minute (oats) at 2000 x g  
(NOT RPM) - follow centrifuge  
manufacturer's instructions



5. Add 100  $\mu$ L Buffer to vial,  
then using a new pipette  
tip, add 100  $\mu$ L sample;  
stir well with pipette tip



6. Add the QuickTox Strip;  
wait 10 minutes for  
results

### QuickScan Test Results

(more detailed instructions in  
the QuickScan User Manual)

7. Remove strip from vial  
immediately after 10  
minutes. Cut off and  
discard bottom pad with  
arrow tape.  
(No drying step!)

8. Place in the QuickScan carrier  
and slide carrier in. Click "Read  
Test" on Main Menu.  
Results are reported between  
0.2 ppm and 5 ppm.  
(For quantification above 5 ppm, a  
simple dilution step will yield results up  
to 10 ppm -- oats and middlings only)

9. Results Screen will  
appear when scanning  
is complete. Enter  
sample identification  
data and use buttons to  
save or print report.