

Vertu™ TOUCH Procedure

See table below for consumable kit reorder number

- Preset the incubator at 40 °C.
- Bring the strip to room temperature if necessary.
- Do not open the strip pouch until ready to use the strip.

1

- ▶ Place DON-V™ strip into the incubator at 40 °C and close the lid.
- ▶ Incubate strip for 2–10 minutes.
[This can be started while doing the sample extraction and filtration.]



5

- ▶ Pipette 100 µL of extract to the sample well on the DON-V strip at 1 drop/second, close the lid.
- ▶ Allow the strip to develop for exactly 5 minutes inside the incubator.



2

- To calibrate the Vertu™ TOUCH reader:
- ▶ Scan the DON-V AQUA barcode* for specific commodity and the lot of strips being used.
[Barcode remains stored in Vertu TOUCH reader for future use.]



6

- While strip test develops, enter the sample ID into Vertu TOUCH reader.
- ▶ Fully insert the DON-V strip into the Vertu TOUCH (the round opening in first)
 - ▶ Press [Start Measurement] key on touch screen to read result.



3

- ▶ Weigh 5 g ± 0.1 g finely ground sample into Vertu PREP tube.
- ▶ Add 25 mL AQUA premix to Vertu PREP tube.
- ▶ Close the lid, shake briefly to suspend all sample into liquid.



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- ▶ Press [Print] to print the result.
- ▶ Press [Same Barcode] to run the next test using the same lot of strips.
- ▶ Press [Change Barcode] to change the method or lot of strips being used.



4

- ▶ Set Vertu PREP mixer timer for 30 seconds. Push down and twist to lock in place; the mixer will start and stop automatically.
- ▶ Pour the extract into a V-Filter with cup for no more than 5 minutes.



8

- If display shows > 4ppm,
- ▶ Pipette 400 µL of AQUA premix and 100 µL of filtered extract into a strip test vial.
 - ▶ Close the top and mix by shaking 3 times.
 - ▶ Repeat steps 1, 5 & 6 and multiply the displayed result by 4 for final concentration.



Scan barcode to download the Strip Test Reference Guide
For additional information, please visit
vicam.com/docs/vertu-strip-test-reference-guide

Sample Type	Barcode*	Reorder #
Corn	A	176004973A
Wheat	B	176004973B
Barley	D	176004973D

Limit of Detection: 0.25 ppm
Range: 0–4 ppm (1st strip),
4–16 ppm (2nd strip with dilution)

Strips should be stored at 2–30 °C (36–86 °F)
Store AQUA Premix at room temperature



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