



Vertu TOUCH Room Temperature Method

Consumable kit reorder number: 176005187C

- Use strips at room temperature 20–25 °C (68–77 °F).
- Bring the strip to room temperature if necessary.
- Do not open the strip pouch until ready to use the strip.

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To calibrate the Vertu TOUCH reader:

- ▶ Scan the DON-V (C) barcode for the lot of strips being used.

[Barcode remains stored in Vertu TOUCH reader for future use.]



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- ▶ Using a new tip, add 100 μ L of **DON-V diluent** into a new strip test vial.
- ▶ Transfer 100 μ L of diluted extract into the second strip test vial. Cover and mix well by shaking 3 times.



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- ▶ Transfer 100 μ L of extract from step 5 to the DON-V strip by dropping (~1 drop/second) vertically into the sample well.
- ▶ Allow the strip to develop for exactly 3 minutes on a flat surface.



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- ▶ 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.



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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.



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- ▶ If the reader displays "**>5 ppm**", transfer 100 μ L of the **diluted** extract from Step 4 into a new strip test vial and add 100 μ L of purified water. Then, add 200 μ L DON-V diluent. Mix well by shaking 3 times. Repeat step 6–7 and multiply the displayed result by 2 to obtain the true level of contamination.



Scan barcode to download the Strip Test Reference Guide

For additional information, please visit vicam.com/docs/vertu-strip-test-reference-guide

Strips should be stored at 2–30 °C (36–86 °F)

Limit of Detection: 0.2 ppm for grain (Wheat, Barley, Malted Barley, Corn, Sorghum)

Range: 0–5 ppm (1st strip), 5–10 ppm (2nd strip with dilution)

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