

Vertu™ TOUCH Procedure for Grain*

Consumable kit reorder number: 176004972

- 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.

1

To calibrate the Vertu TOUCH reader:


- ▶ Scan the Afla-V (A)¹ or Afla-V (B)² barcode for the lot of strips being used.

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




2

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



3

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




4

Barcode A:

- ▶ Transfer 100 µL of filtered extract to the Afla-V strip by dropping (~1 drop/second) vertically into the sample well.
- ▶ Start the timer and allow the strip to develop for 5 minutes on a flat surface.

Barcode B:


- ▶ Pipette 700 µL of AQUA premix and 100 µL of filtered extract into a strip test vial. Close the top and mix by shaking 3 times.
- ▶ Transfer 100 µL of diluted extract to the Afla-V strip by dropping (~1 drop/second) vertically into the sample well.
- ▶ Start the timer and allow the strip to develop for 5 minutes on a flat surface.



5


While strip test develops, enter the sample ID into Vertu TOUCH reader.

- ▶ Fully insert the Afla-V strip into the Vertu TOUCH (the round opening in first).
- ▶ Press [Start Measurement] key on touch screen after exactly 5 minutes incubation.




6

- ▶ 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.




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)

Store AQUA Premix at room temperature

¹ **Barcode A** Range: 0–40 ppb (Limit of detection: 2 ppb).

² **Barcode B** Range: 0–300 ppb (Limit of detection: 10 ppb).

* *Corn, Sorghum, Soy, and Wheat.*

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