

Vertu™ TOUCH Procedure for Feed

Consumable kit reorder number: 176005106

- Warm up the strips to room temperature 20–25 °C (68–77 °F) for 20 minutes or longer before using.

- Do not open the strip pouch until ready to use the strip.

1

To calibrate the Vertu TOUCH reader:

- Scan the Afla-V (E)¹ or Afla-V (F)² barcode for the lot of strips being used.

[Barcode remains stored in Vertu TOUCH reader].



2

- Weigh 5 g ± 0.1 g finely ground sample into Vertu PREP tube.
- Add 30 mL of 80:20 methanol:water to Vertu PREP tube.
- Close the lid, shake briefly to suspend all sample into liquid.



3

- Set Vertu PREP mixer timer for 90 seconds. Push down and twist to lock in place; the mixer will start and stop automatically.
- Allow extract to settle until a thin layer of clear extract emerges on top (0.5–2 minutes).



4

Barcode E:

- Transfer 200 µL of the Afla-V ONE diluent to a strip test vial. Add 100 µL of the clear extract to the vial, cover and mix well by shaking 3 times.

Barcode F:

- Mix 200 µL of 80:20 methanol:water + 100 µL of clear extract in a strip test vial; Then transfer 100 µL to a NEW strip test vial.
- Add 200 µL Afla-V ONE diluent into the new strip test vial, cover and mix well by shaking 3 times.



5

- Transfer 100 µL of extract from step 4 to the Afla-V strip by dropping (~1 drop/second) vertically into the sample well.
- Allow the strip to develop for 5 minutes on a flat surface.



6

- 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.



7

- 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 must be stored at 2–8 °C (36–46 °F)

Store 80:20 methanol:water (p/n: 100000211) at room temperature

1. Barcode E Limit of detection: 2 ppb; Range: 0–80 ppb

2. Barcode F Limit of detection: 5 ppb; Range: 0–300 ppb

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