

FGIS Procedure

Consumable kit reorder number: 176004113

- Preset the incubator at 30 °C.
- Bring the strip to ambient temperature if necessary.

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

1

Calibrate the Vertu TOUCH by scanning in the DON-V AQUA Vertu TOUCH barcode * for the specific commodity and the lot of strips being used. [Barcode remains stored in Vertu TOUCH reader].



5

Place DON-V strip cassette into incubator. Cover with lid and incubate for 2 minutes.



6

Transfer 100 µL diluted extract to the DON-V strip by dropping vertically into the circular opening, close the incubator lid, and develop exactly 5 minutes.



7

While the strip test develops, enter the sample ID into the Vertu TOUCH reader. When the 5 minutes has ended, fully insert the DON-V strip into the Vertu TOUCH (the round opening in first) Press [**Start Measurement**] on TOUCH screen.



8

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.



9

If display shows >**Range**, press [**Change barcode**] to scan or select the High Range barcode DON-V **G** for **wheat** or DON-V **I** for **corn** for the lot being used. Transfer 100 µL of diluted extract from Step 4 into a new strip test vial. Add 1000 µL of AQUA solution. Mix well by vortexing. Repeat steps 5–8, using this twice diluted extract.

2

Weigh 50 g ± 0.1 g ground sample into a blender jar. Add 250 mL AQUA solution to the blender jar.



3

Blend at maximum speed for 1 min. Filter the extract into a clean tube for no more than 5 min.



4

Add 500 µL of AQUA solution and 100 µL of the filtered extract to a strip test vial, cap, and mix well by vortexing.



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

Limit of Detection: 0.5 ppm

Range: 0.5–5 ppm (1st strip), 5–30 ppm (2nd strip with second dilution)

* DON-V **F**: the low range **wheat** method.

DON-V **G**: the high range **wheat** method.

DON-V **H**: the low range **corn** method.

DON-V **I**: the high range **corn** method.

Orders:

Tel: +1-877.228.4244

+1-417.725.6588

Email: orders@vicam.com

Technical Support:

Tel: +1.800.338.4381

+1.508.482.4935

Email: techservice@vicam.com

WatersTM | VICAMTM

www.vicam.com