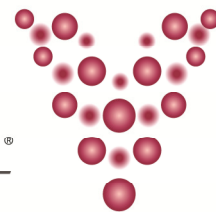


PRODUCT APPLICATION GUIDE



Alternate "Field Friendly" Protocol using QuickStix Strips for Botrytis *Visual only - not for use with QuickStix Reader*

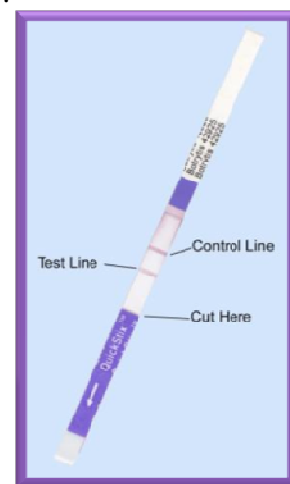
VINTESENTIAL[®]
LABORATORIES



Materials Required

- QuickStix Kit for Botrytis (you will use the Strips and transfer pipettes)
- Reaction vials, 2 mL (available separately). NOTE: IT IS CRITICAL THAT THESE 2 mL VIALS ARE USED AND NOT THE 0.5 mL VIALS THAT ARE PROVIDED WITH A FULL KIT.

(available separately) 2 mL Reaction Vials - single wall USE THESE	(provided with full Kits) 0.5 mL Reaction Vials - double wall DO NOT USE THESE
	



Sample Preparation

1. To prepare grape juice for testing, select a representative sample of grapes and squash or macerate. To avoid pulp in sample to be tested, sieve mashed grapes through a plastic, nylon or other non-absorbent coarse filter (not provided).
2. Using a new transfer pipette, add one drop of sample to the reaction vial. Using a new transfer pipette, add approximately 1.8 mL of EB8, filling the reaction vial to the top ring (see example, above). Expel any leftover EB8 buffer from the pipette and use this empty pipette to stir the liquid in the reaction vial thoroughly.

How to Run the QuickStix Strip Test

1. Allow refrigerated canisters to come to room temperature before opening. Remove the QuickStix Strips to be used. Avoid bending the strips. Reseal the canister immediately.
2. Place the strip into the filled reaction vial. The sample will travel up the strip. Reaction vials will stand on their own or may be inserted into the cardboard racks provided.
3. Allow the strip to develop for a full 10 minutes before making final assay interpretations. Positive sample results may appear much more quickly.
4. Read and interpret the results as close as possible to the 10 minute mark, while the strip is still in the reaction vial. To retain the strip, cut off and discard the bottom section of the strip covered by the arrow tape.

Interpreting the Results (visual only)

Development of the Control Line within 10 minutes indicates that the strip has functioned properly. Any strip that does not develop a Control Line should be discarded and the sample re-tested using another strip.

- If the sample extract contains *Botrytis*, a second line (Test Line) will develop on the membrane strip between the Control Line and the protective arrow tape. The results should be interpreted as positive for *Botrytis*.
- If no Test Line is observed after 10 minutes, the results should be interpreted as negative.

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