

# QUICKSTIX™ KIT FOR AB VISTA XYLANASE

EXTRACT AND DETECT  
THE PRESENCE OF ACTIVE  
XYLANASE IN 5 MINUTES



*The most important additive is intelligence*

Revision 14, March 2025





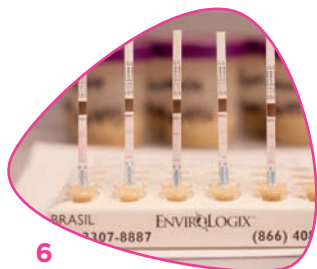
## TEST PROCEDURE



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1. Allow refrigerated QuickStix canisters to come to room temperature before opening. Remove the QuickStix Strips to be used. Avoid bending the strips. Reseal the canister immediately. Place the strip into the reaction vial containing 0.25 mL extract. The sample will travel up the strip. Reaction vials will stand up on their own or may be inserted into the cardboard racks provided.
2. Add 37.5 mL room temperature tap water to a 50 mL polypropylene conical tube.
3. Add feed pellets to raise the level to the 45 mL mark (10±2 grams). This extracts the enzyme in the pellets with 3.75 volumes (mL/gram) of tap.
4. Cap and shake well for 30 seconds, then allow sample to settle for 30 seconds.
5. Using the fixed-volume pipette provided, remove 0.25 mL extract from the top layer (avoiding particulates) and dispense extract into a reaction vial. To prevent cross-contamination, be cautious with feed and liquids and always use a new 50 mL conical tube, pipette and reaction vial for each sample.
6. Allow the strip to develop for 5 minutes before making final assay interpretations. Positive sample results may become obvious much more quickly.

To retain the strip, cut off and discard the bottom section of the strip covered by the arrow tape.

## INTERPRETING THE RESULTS

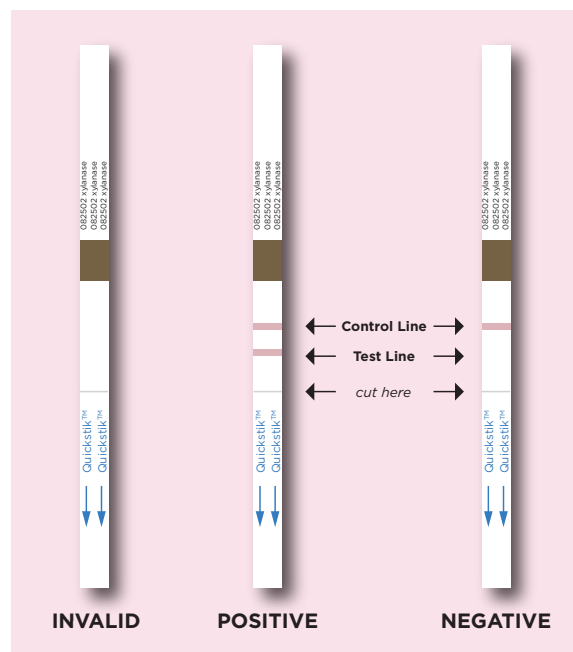
The kit is designed to detect levels of xylanase over 2,500 BXU (Beta-Xylanase Units) per Kg.

Development of the Control Line within 5 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 extract is from a feed sample containing at least 2,500 BXU/Kg of xylanase, 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 the presence of xylanase.

If the extract is from a negative sample, the strip will only show the Control Line.

Results from this test are indicative and relate only to the sample(s) tested. This does not guarantee the bulk of the material to be of equal quality.



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## HOW THE TEST WORKS

Each QuickStix Strip has an absorbent pad at each end. The protective tape with the arrow indicates which end of the strip to insert into the reaction vial. The sample travels up the membrane strip and is absorbed into the larger pad at the top of the strip. The portion of the strip between the protective tape and the absorbent pad at the top of the strip is used to view the reactions as described under "Interpreting the Results".

## KIT STORAGE

QuickStix Strips can be stored at room temperature, or refrigerated for a longer shelf life. Note the shelf life on the kit box for each storage temperature. The kit may be used in field applications; however, prolonged exposure to high temperatures may adversely affect the test results. Do not open the desiccated canister until ready to use the test strips.

## FOR TECHNICAL SUPPORT CONTACT AB VISTA:

[services@abvista.com](mailto:services@abvista.com)

**ABVista**

## LIMITED WARRANTY

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