

ENVIROLOGIX Inc. – GMO Monitoring Kits

Cry9C - Quickstix™ FOR BULK STARLINK™ CORN GRAIN

● Intended use

The Envirologix QuickStix™ Cry9C Kit Is Designed To Extract And Detect The Presence Of The Cry9C Protein In Starlink™ And Other Corn Varieties In Bulk Corn Grain. In A Ground Corn Sample, The Kit Will Detect Concentrations Of 0.125% Or Greater Of Cry9C Corn. For Use With Corn Meal, Flour And Grits, Call Xygen For The Appropriate Application Guide. For Cry9C Detection In Corn Plant Tissues And In Individual Seeds, Please Use QuickStix Cat# AS 008 LS. NOTE: A Negative Result With This Test On Corn Seed Or Grain Extracts Does Not Necessarily Rule Out The Presence Of Genetically Modified Material In The Sample.

● General

Corn crops that have been genetically modified with Cry9C gene express a specific type of Bt protein in their tissues. To detect the Cry9C protein with the EnviroLogix QuickStix™ Cry9C Kit, grain samples must be extracted and the Cry9C protein solubilized in water. Each QuickStix strip has an absorbent pad at each end. The protective tape with the arrow indicates the end of the strip to insert into the reaction vial. The sample will travel up the membrane strip and be 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” in the product insert. Please avoid bending the strips.

Materials Provided:	Materials Not Provided:
<ul style="list-style-type: none">- 100 x Lateral Flow QuickStix™ Strips in moisture-resistant canister.- 100 x Transfer Pipettes.- 100 x Reaction Tubes.	<ul style="list-style-type: none">- Waring Blender, model 31BL91 or equivalent.- Glass Jar Adapter (Eberbach #E8495).- Glass Mason Jars.- Graduated Cylinder.- Tap Water.- Protective Cover For Blender Jar while grinding.

Kit Specifications:

Format:	- 100 Strips.
Time Requirement:	- Results in 5 minutes or less.
Detection Limit:	- Will detect one kernel in 800.
Measurement:	- Visual.
Product ID #:	- AS008BG.