

ENVIROLOGIX Inc. - GMO Monitoring Kits

Quickstix™ FOR ROUNDUP® READY BULK GRAIN

● Intended use

This Envirologix QuickStix™ Kit For Roundup Ready® Bulk Grain Is Designed To Extract And Detect The Presence Of CP4 EPSPS Protein At The Levels Typically Expressed In Roundup Ready Bulk Grain. The Sensitivity Of These QuickStix Strips Is 0.1% Roundup Ready Soybean (I.E. One Roundup Ready Soybean In 1000 Conventional Soybeans) And 0.5% Event 603 Corn (I.E. One Event 603 Roundup Ready Corn Kernel In 200 Conventional Corn Kernels). This Kit Will Not Detect GA21 Roundup Ready Corn.

● General

In order to detect the CP4 EPSPS protein expressed by Roundup Ready bulk grain, the sample must first be extracted to solubilize the protein. 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 two moisture-resistant canisters.- 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 #:	- AS010BG.