

GMO/ Trait testing Brochure



Agdia (USA) has been a leading provider of plant pathogen diagnostics since 1981. It is ISO/IEC 17025:2005 accredited and offers the most comprehensive and trusted portfolio of plant pathogen and GMO testing solutions around the world. These solutions include, but are not limited to:

- ✓ ELISA
- ✓ ImmunoStrip
- ✓ AmplifyRP isothermal amplification
- ✓ Conventional and real-time PCR
- ✓ Nucleic Acid Hybridization
- ✓ Immunoblot
- ✓ ImmunoPrint
- ✓ Immunofluorescence



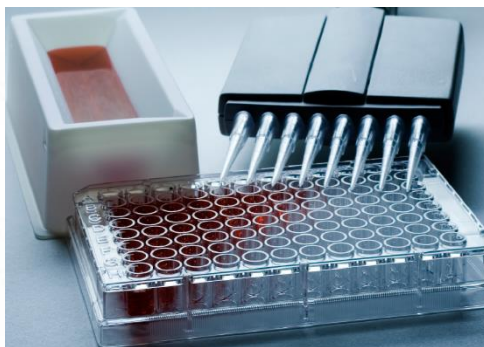
ELISA	ImmunoStrip	Molecular
<ul style="list-style-type: none"> • High-throughput testing. • Economical. • All reagent sets and PathoScreen kits are prepared and quality controlled to give you optimal results that are easy to interpret. • Flexible protocol allows same day or overnight testing. 	<ul style="list-style-type: none"> • Easy-to-use. • Results can be obtained in minutes. • One-year guaranteed shelf life. • Can be used on various tissue types. 	<ul style="list-style-type: none"> • Comprehensive: offers general and specific tests for the detection of hundreds of economically significant plant pathogens. • Genus-level screening with species-level identification capabilities. • Nucleic Acid Hybridization Assay: High-throughput and economical. • Over 30 years of experience and support.

Life Technologies (India) Pvt. Ltd.

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Trait	ELISA	Immunostrip
Bt-Cry1Ab/1Ac ELISA	PSP 06200	STX 06200
CP4 EPSPS (RR) & Bt-Cry1Ab/1Ac		STX 74500
Bt-Cry1Ac		STX 05203
Bt-Cry1Ac & Bt-Cry2A	PSM 14900	
BGII & RR (Bt-Cry2Ab and Bt-Cry1Ac and CP4 EPSPS (Roundup Ready®))		STX 51001
Bt-Cry2Ab & Bt-Cry1Ab/1Ac		STX 06801
Bt-Cry1F & Bt-Cry34Ab1	PSM 10900	STX 10900
Bt-Cry1F	PSP 10301	STX 10301
Bt-Cry1F Quantitative	PSP 11700	
Bt-Cry1F, Bt-Cry1Ac & CP4 EPSPS		STX 13200
Bt-Cry1F, Bt-Cry2Ab2, Bt-Cry34Ab1 & Bt-Cry3Bb1		STX 63200
Bt-Cry2A	PSP 05801	STX 05801
Bt-Cry2Ab & Bt-Cry3Bb1	PSM 26800	
Bt-Cry34Ab1	PSP 04500	STX 04500
Bt-Cry34Ab1 Quantitative	PSP 11500	
Bt-Cry3A	PSA 05900	
Bt-Cry3Bb1	PSP 06100	STX 06100
CspB	PSP 35500	STX 35500
eCry3.1Ab	PSP 49000	STX 49000
mBt-Cry3A	PSP 06700	STX 06700
NPT II (neomycin phosphotransferase II)	PSP 73000	STX 73000
RoundUp Ready® (CP4 EPSPS protein)	PSP 74000	STX 74000
GIPSA Certified Tests		
Vip3A	PSP 83500	STX 83500



GMO/Trait Diagnostics

Product Catalog



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Thank you for considering Agdia as your provider for GMO/trait test kits.

Agdia has a long history of serving the agricultural industry with diagnostics that offer reliable results and are easy to use. The seed purity and grain markets are no exception. We have a solid understanding of how important quality is to sustaining and growing your business. Our test kits are developed and manufactured with this in mind every day.

Please contact us with any questions you might have about our products. We welcome the opportunity to speak with you and learn more about your business. Our product and account managers are eager to assist you with your needs and ensure you are getting the products and services you need.

We are committed to delivering diagnostic solutions that provide results you can count on. We back that commitment with a full product warranty and customer service that goes unmatched in the industry.

Where quality matters, test with Agdia.




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ImmunoStrip®





Agdia ImmunoStrips are an industry standard for quickly determining trait purity percentages and for detecting adventitious presence (AP) in grain commodities. Each year our ImmunoStrips produce millions of reliable test results. Agdia ImmunoStrips are commonly used by plant breeders in the field, such as winter nursery sites, to identify plants expressing or not expressing the target gene. Plant breeders like the ease of use and overall control that ImmunoStrips provide in their breeding programs.

Agdia has manufactured ImmunoStrips for the detection of transgenic traits for over 10 years. The basic product offering is 50 ImmunoStrips in a sturdy polypropylene tube which includes a desiccated cap to ensure airtight storage and long shelf life. Beyond the basic ImmunoStrip offering, Agdia also manufactures the ImmunoStrips in an ImmunoComb format. Typical ImmunoComb formats are 12 ImmunoStrips per comb for use with 96-well plates and 8 ImmunoStrips per comb for use with 48-well plates. ImmunoCombs can also be custom manufactured in other sizes for your specific high throughput application.

All of our ImmunoStrips are validated per the respective crop and tissue type and stringently tested by our quality management program. This gives you a high degree of confidence that the results you get from Agdia ImmunoStrips are accurate and reliable every time.

Bollgard® II ImmunoStrip

Catalog Number: STX 06800/0050

Dual-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Cotton	
Analytes Detected:	Bt-Cry2A and Bt-Cry1Ac	
Validated Tissue Types:	Seed	
Limits of Detection:	Single seeds	
Industry Applications:	Individual seed quality testing	

This dual-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistant traits (Bt-Cry1Ac and Bt-Cry2A) found in Genuity® Bollgard II® cotton.

Test Completion Time: On average, 10 minutes.

Bt-Cry1Ab/1Ac ImmunoStrip

Catalog Number: STX 06200/0050

Dual-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Corn and Cotton	
Analytes Detected:	Bt-Cry1Ab and Bt-Cry1Ac	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	1% (1 positive seed in 100 negative seeds)	
Industry Applications:	Individual leaf/seed quality and bulk grain testing (AP)	

This dual-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistance trait (Bt-Cry1Ab) found in YieldGard® Plus, YieldGard VT Triple® seed corn, and the insect resistance trait (Bt-Cry1Ac) found in Genuity® Bollgard II® cotton.

Test Completion Time: On average, 10 minutes.

Bollgard® II and Roundup Ready® ImmunoStrip

Catalog Number: STX 51001/0050

Triple-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Cotton	
Analytes Detected:	Bt-Cry2A, Bt-Cry1Ac and CP4 EPSPS	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	Single seed and single leaf	
Industry Applications:	Individual leaf and seed quality testing	

This triple-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistant traits (Bt-Cry1Ac and Bt-Cry2A) and the herbicide tolerance trait (CP4 EPSPS) found in Genuity® Bollgard II® with Roundup Ready® Flex Cotton.

Test Completion Time: On average, 10 minutes.

Bt-Cry1Ab/1Ac with Roundup Ready® ImmunoStrip

Catalog Number: STX 74500/0050

Dual-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Cotton	
Analytes Detected:	Bt-Cry1Ac and CP4 EPSPS	
Validated Tissue Types:	Seed	
Limits of Detection:	Single seeds	
Industry Applications:	Individual seed quality testing	

This dual-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistant trait (Bt-Cry1Ac) and the herbicide tolerance trait (CP4 EPSPS) found in Genuity® Bollgard II® with Roundup Ready® Flex Cotton.

Test Completion Time: On average, 10 minutes.

Bt-Cry1F ImmunoStrip

Catalog Number: STX 10301/0050

Single-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Corn	
Analytes Detected:	Bt-Cry1F	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	0.5% (1 positive seed in 200 negative seeds)	
Industry Applications:	Individual leaf/seed quality and bulk grain testing (AP)	

This single-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistance trait (Bt-Cry1F) found in HERCULEX® XTRA, HERCULEX® I, and SmartStax™ seed corn.

Test Completion Time: On average, 10 minutes.

Bt-Cry1F and Bt-Cry1Ac with CP4 EPSPS ImmunoStrip

Catalog Number: STX 13200/0050

Triple-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Cotton	
Analytes Detected:	Bt-Cry1F, Bt-Cry1Ac, and CP4 EPSPS	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	Single seed and single leaf	
Industry Applications:	Individual leaf and seed quality testing	

This triple-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistant traits (Bt-Cry1Ac and Bt-Cry1F) and the herbicide tolerance trait (CP4 EPSPS) found in WideStrike® with Roundup Ready® cotton.

Test Completion Time: On average, 10 minutes.

Bt-Cry1F and Bt-Cry34Ab1 ImmunoStrip

Catalog Number: STX 10900/0050

Dual-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Corn	
Analytes Detected:	Bt-Cry1F and Bt-Cry34Ab1	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	Single seed and single leaf	
Industry Applications:	Individual leaf and seed quality testing	

This dual-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistance traits (Bt-Cry34Ab1 and Bt-Cry1F) found in HERCULEX® XTRA, HERCULEX® RW, HERCULEX® I, and SmartStax™ seed corn.

Test Completion Time: On average, 10 minutes.

Bt-Cry2A ImmunoStrip

Catalog Number: STX 05801/0050

Single-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Corn	
Analytes Detected:	Bt-Cry2Ab	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	Single seed and single leaf	
Industry Applications:	Individual leaf and seed quality testing	

This single-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistance trait (Bt-Cry2A) found in GENUITY® VT DOUBLE PRO™, GENUITY® VT TRIPLE PRO™, and SmartStax™ seed corn.

Test Completion Time: On average, 10 minutes.

Bt-Cry34, Bt-Cry1F, Bt-Cry2A, Bt-Cry3Bb1 ImmunoStrip

Catalog Number: STX 63200/0050

Quad-stack ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Corn	
Analytes Detected:	Bt-Cry34, Bt-Cry1F, Bt-Cry2A, and Bt-Cry3Bb1	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	Single seed and single leaf	
Industry Application:	Individual leaf and seed quality testing	

This 4-trait ImmunoStrip® was developed to determine the presence of the insect resistant traits (Bt-Cry34, Bt-Cry1F, Bt-Cry2A, and Bt-Cry3Bb1).

Test Completion Time: On average, 10 minutes

Bt-Cry3Bb1 ImmunoStrip

Catalog Number: STX 06100/0050

Single-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Corn	
Analytes Detected:	Bt-Cry3Bb1	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	1.0% (1 positive seed in 100 negative seeds)	
Industry Applications:	Individual leaf/seed quality and bulk grain testing (AP)	

This single-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistance trait (Bt-Cry3Bb1) found in YieldGard VT Triple®, Genuity® VT Triple Pro™, and SmartStax™ seed corn.

Test Completion Time: On average, 10 minutes.

Bt-Cry34Ab1 ImmunoStrip

Catalog Number: STX 04500/0050

Single-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Corn	
Analytes Detected:	Bt-Cry34Ab1	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	0.125% (1 positive seed in 800 negative seeds)	
Industry Applications:	Individual leaf/seed quality and bulk grain testing (AP)	

This single-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistance trait (Bt-Cry34Ab1) found in HERCULEX® XTRA, HERCULEX® RW, and SmartStax™ seed corn.

Test Completion Time: On average, 10 minutes.

CP4 EPSPS ImmunoStrip *GIPSA Validated*

Catalog Number: STX 74000/0050

Single-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Corn, cotton, soybeans, alfalfa, canola, and sugarbeets	
Analytes Detected:	CP4 EPSPS	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	0.1% (1 positive seed in 1,000 negative seeds) corn & soybeans	
Industry Applications:	Individual leaf/seed quality and bulk grain testing (AP)	

This single-trait ImmunoStrip® was developed to determine the presence or absence of the herbicide tolerance trait (CP4 EPSPS) found in multiple Roundup Ready® crops.

Test Completion Time: On average, 10 minutes.

CspB ImmunoStrip

Catalog Number: STX 35500/0050

Single-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Corn	
Analytes Detected:	CspB	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	1.0% (1 positive seed in 100 negative seeds)	
Industry Applications:	Individual leaf and seed quality testing	

This single-trait ImmunoStrip® test is intended for seed quality purposes to determine the presence or absence of the drought resistance traits (CspB) found in Genuity® DroughtGard™ transgenic corn.

Test Completion Time: On average, 10 minutes.

mBt-Cry3A ImmunoStrip

Catalog Number: STX 06700/0050

Single-trait ImmunoStrip

Quantity:	50 count	*Also Available in 48 well and 96 well combed formats.
Validated Crops:	Corn	
Analytes Detected:	mBt-Cry3A	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	0.33% (1 positive seed in 300 negative seeds)	
Industry Applications:	Individual leaf/seed quality and bulk grain testing (AP)	

This single-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistance trait (mBt-Cry3A) found in Agrisure® RW.

Test Completion Time: On average, 10 minutes.

LL-RR-2A-1Ac ImmunoStrip

Catalog Number: STX 43900/0050

Quad-stack ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Cotton	
Analytes Detected:	Pat/bar, RR, Bt-Cry2A and Bt-Cry1Ac	
Validated Tissue Types:	Seed	
Limits of Detection:	Single seed	
Industry Applications:	Individual seed quality testing	

This 4-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistance traits (LL-RR-2A-1Ac) found in LibertyLink®, Roundup Ready®, Bollgard II, and Bollgard® cotton

Test Completion Time: On average, 10 minutes.

Neomycin phosphotransferase II ImmunoStrip

Catalog Number: STX 73000/0050

Single-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Cotton	
Analytes Detected:	NPTII enzyme	
Validated Tissue Types:	Various	
Limits of Detection:	Various	
Industry Application:	Multiple	

This single-trait ImmunoStrip® was developed to determine the presence or absence of the selectable marker protein neomycin phosphotransferase (NPTII).

Test Completion Time: On average, 10 minutes

Vip3A ImmunoStrip

Catalog Number: STX 83500/0050

Single-trait ImmunoStrip

Quantity:	50 count	*Also available in 48 well and 96 well combed formats.
Validated Crops:	Corn and Cotton	
Analytes Detected:	Viptera	
Validated Tissue Types:	Seed and Leaf	
Limits of Detection:	Single seed/leaf and Bulk grain	
Industry Applications:	Individual leaf/seed quality and bulk grain testing (AP)	

This single-trait ImmunoStrip® was developed to determine the presence or absence of the insect resistance trait (Vip3A) found in Agrisure™ Viptera and Agrisure® Duracade™ crops.

Test Completion Time: On average, 10 minutes.

ELISA



Agdia ELISA Kits

Methods for the detection of plant viruses using ELISA were developed in the mid-1970s. This technology arrived just in time to test and select plants grown by tissue culture and to assist clean plant programs using one-way pass-through propagation methods. The rapid development and acceptance of ELISA created a need for optimized and validated tests, quality controlled antibodies, enzyme conjugates, kits and accessories. Agdia, Inc. was founded to meet these needs.

Agdia GMO ELISA kits are specifically designed and validated for leaf and seed testing and are offered in 1, 3, 5 and 50-plate kits. All Agdia ELISAs are developed under stringent guidelines and validated to perform in each respective crop and tissue matrix. Agdia was one of the first companies to develop and validate a multi-analyte ELISA, which greatly improved the testing process for seed professionals.

For over 10 years, plant breeders, trait purity testing managers, and others have relied on Agdia ELISAs to provide the answers they need. Please feel free to contact us if you have any questions, or need additional information.

Bt-Cry1Ab/1Ac ELISA**Catalog Number: PSP 06200**

Single-trait ELISA

Quantity:	1, 3, 5, and 50-plate, complete kits
Validated Crops:	Corn and Cotton
Analytes Detected:	Bt-Cry1Ab and Bt-Cry1Ac
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	NA

This single-trait ELISA was developed to determine the presence or absence of the insect resistance trait (Bt-Cry1Ab) found in YieldGard® Plus, YieldGard VT Triple®, and Agrisure® CB seed corn and the insect resistance trait (Bt-Cry1Ac) found in Genuity® Bollgard II® cotton.

Test Completion Time: 2 hours on average

Bt-Cry1F ELISA *Quantitative***Catalog Number: PSP 11700**

Single-trait ELISA

Quantity:	1, 3, and 5-plate, complete kits
Validated Crops:	Corn
Analytes Detected:	Bt-Cry1F
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	Seed: 312 pg - 10ng/ml. Leaf: 625 pg - 10ng/ml.

This single-trait ELISA was developed to quantify the protein (Bt-Cry1F) found in HERCULEX® I seed corn.

Test Completion Time: 3 hours on average

Bt-Cry1F ELISA**Catalog Number: PSP 10301**

Single-trait ELISA

Quantity:	1, 3, 5, and 50-plate, complete kits
Validated Crops:	Corn
Analytes Detected:	Bt-Cry1F
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	NA

This single-trait ELISA was developed to determine the presence or absence of the insect resistance trait (Bt-Cry1F) found in HERCULEX® I and HERCULEX® XTRA seed corn.

Test Completion Time: 2 hours on average

Bt-Cry2A ELISA**Catalog Number: PSP 05801**

Single-trait ELISA

Quantity:	1, 3, 5, and 50-plate, complete kits
Validated Crops:	Corn
Analytes Detected:	Bt-Cry2Ab
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	NA

This single-trait ELISA was developed to determine the presence or absence of the insect resistance trait (Bt-Cry2A) found in Genuity® VT DOUBLE PRO™, Genuity® VT TRIPLE PRO™, and SmartStax™ seed corn.

Test Completion Time: 2 hours on average

Bt-Cry34Ab1 ELISA

Catalog Number: PSP 04500

Single-trait ELISA

Quantity:	1, 3, 5, and 50-plate, complete kits
Validated Crops:	Corn
Analytes Detected:	Bt-Cry34Ab1
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	NA

This single-trait ELISA was developed to determine the presence or absence of the insect resistance trait (Bt-Cry34Ab1) found in HERCULEX® XTRA, HERCULEX® RW, and SmartStax™ seed corn.

Test Completion Time: 2 hours on average

Bt-Cry3Bb1 ELISA

Catalog Number: PSP 06100

Single-trait ELISA

Quantity:	1, 3, 5, and 50-plate, complete kits
Validated Crops:	Corn
Analytes Detected:	Bt-Cry3Bb1
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	NA

This single-trait ELISA was developed to determine the presence or absence of the insect resistance trait (Bt-Cry3Bb1) found in YieldGard VT Triple®, Genuity® VT Triple Pro™, and SmartStax™ seed corn.

Test Completion Time: 2 hours on average

Bt-Cry34Ab1 ELISA *Quantitative*

Catalog Number: PSP 11500

Single-trait ELISA

Quantity:	1, 3, and 5-plate, complete kits
Validated Crops:	Corn
Analytes Detected:	Bt-Cry34Ab1
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	Seed and Leaf: 1.25 ng/ml - 20ng/ml.

This single-trait ELISA was developed to quantify the protein (Bt-Cry34Ab1) found in HERCULEX® RW seed corn.

Test Completion Time: 2 hours on average

CP4 EPSPS ELISA

Catalog Number: PSP 74000

Single-trait ELISA

Quantity:	1, 3, 5 and 50-plate, complete kits
Validated Crops:	Corn, cotton, and soybeans
Analytes Detected:	CP4 EPSPS
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	NA

This single-trait ELISA was developed to determine the absence or presence of the herbicide resistance trait (CP4 EPSPS) found in various events of corn, cotton, and soybean.

Test Completion Time: 2 hours on average

mBt-Cry3A ELISA**Catalog Number: PSP 06700**

Single-trait ELISA

Quantity:	50-plate, complete kits
Validated Crops:	Corn
Analytes Detected:	mBt-Cry3A
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	NA

This single-trait ELISA was developed to determine the presence or absence of the insect resistance trait (mBt-Cry3A) found in Agrisure® RW seed corn.

Test Completion Time: 2 hours on average

Vip3A ELISA *Coming Soon***Catalog Number: STX 83500/0050**

Single-trait ELISA

Quantity:	5 and 50-plate, complete kits
Validated Crops:	Corn and Cotton
Analytes Detected:	Viptera
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed/leaf and Bulk grain
Industry Applications:	Individual leaf/seed quality and bulk grain testing (AP)

This single-trait ELISA was developed to determine the presence or absence of the insect resistance trait (Vip3A) found in Agrisure™ Viptera and Agrisure® Duracade™ crops.

Test Completion Time: 2 hours on average

Neomycin phosphotransferase II ELISA**Catalog Number: PSP 73000**

Single-trait ELISA

Quantity:	1, 3, 5, and 50-plate, complete kits
Validated Crops:	Various
Analytes Detected:	NPTII enzyme
Validated Tissue Types:	Various
Limits of Detection:	Single seed and single leaf
Quantitative Range:	NA

This single-trait ELISA was developed to determine the presence or absence of the selectable marker protein neomycin phosphotransferase (NPTII).

Test Completion Time: 2 hours on average

Bt-Cry1Ab/1Ac and Bt-Cry2A ELISA**Catalog Number: PSP 14900**

Dual-trait ELISA

Quantity:	5 and 50-plate, complete kits
Validated Crops:	Cotton
Analytes Detected:	Bt-Cry1Ab/1Ac and Bt-Cry2A
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	NA

This dual-trait ELISA was developed to determine the presence or absence of the insect resistance trait Genuity® Bollgard II® and WideStrike® cotton and the insect resistance trait (Bt-Cry1Ac) found in Genuity® Bollgard II® cotton.

Test Completion Time: 2 hours on average

Bt-Cry2A/3Bb1 ELISA**Catalog Number: PSP 26800**

Dual-trait ELISA

Quantity:	5 and 50-plate, complete kits
Validated Crops:	Corn
Analytes Detected:	Bt-Cry2A and Cry3Bb1
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	NA

The dual-trait ELISA developed for qualitative determination of the presence or the absence of the (Bt-Cry2A) transgenic protein and/or qualitative determination of the presence or the absence of the (Bt-Cry3Bb1).

Test Completion Time: 3 hours on average

Bt-Cry1F and Bt-Cry34Ab1 ELISA**Catalog Number: PSM 10900**

Dual-trait ELISA

Quantity:	5 and 50-plate, complete kits
Validated Crops:	Corn
Analytes Detected:	Bt-Cry1F and Bt-Cry34Ab1
Validated Tissue Types:	Seed and Leaf
Limits of Detection:	Single seed and single leaf
Quantitative Range:	NA

This dual-trait ELISA was developed to determine the presence or absence of the insect resistance traits (Bt-Cry34Ab1 and Bt-Cry1F) found in HERCULEX® XTRA, HERCULEX® RW, HERCULEX® I, and SmartStax™ seed corn.

Test Completion Time: 2 hours on average

Authorized Distributor



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