






Rapid Testing Solutions for Pesticides & Herbicides

-  ABRAXIS® Rapid Test Kits
-  Readers, Equipment & Systems
-  Quality Control Materials



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Rapid Testing Solutions for Pesticides & Herbicides

Pesticides and herbicides protect crops from pests and weeds boosting agricultural productivity; however, excessive use has resulted in the build up of these chemicals in the environment, posing a risk to ecosystems and public health. We offer a variety of test kits in various formats along with associated equipment and QC materials to allow for monitoring of pesticide residues in environmental samples.

Test Kit Formats


The graphic below describes general features of the kit formats we offer. For details on specific kits or to discuss your specific application, contact us at sales.abraxi@us.goldstandarddiagnostics.com.

- Type: 12 x 75 mm tubes
- Quantitative/semi-quantitative
- Test time: ~1-2 hours
- For lab or field testing
- Require only basic lab skills
- Low equipment cost



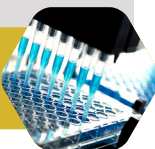
**Coated Tube
ELISA**

- Type: 12 x 75 mm tubes
- Quantitative
- Test time: ~2 hours
- For on-site lab testing
- Require only basic lab skills
- Low equipment cost




**Magnetic
Particle ELISA**

- Type: 96 well plates
- Quantitative
- Test time: ~2-4 hours
- For on-site lab testing
- Require only basic lab skills
- Low equipment cost



ELISA Plates

- Type: Lateral flow test strips
- Qualitative/semi-quantitative
- Test time: ~ 0.5 - 1 hour
- Field-friendly, for remote and in-process testing
- No lab skills or equipment required



Test Strips

Rapid ABRAXIS® Pesticide & Herbicide Test Kits

Analyte	Part #	# Tests /kit**	Verified matrices*	Range of kit standards	Min order qty	Notes
Coated Tube ELISA						
2,4-D	54004B	40	Water	2 – 100 ppb	5 kits	Made to order
Spinosyn	50020B	40	Water	0.05 – 0.5 ppb	5 kits	Made to order
Magnetic Particle ELISA						
Atrazine	500001	100	Water, Soil, Crop, Food	0.1 – 5 ppb	-	-
Fluridone	500511	100	Water, Soil, Crop, Food	0.5 – 15 ppb	5 kits	Made to order
Glyphosate	500081	120	Water, Soil, Crop, Food	0.075 – 4 ppb	-	Includes derivatization (3 vials)
Metolachlor	500061	100	Water, Soil, Crop, Food	0.1 – 5 ppb	5 kits	Made to order
ELISA Plates						
2,4-D	54003A	96	Water	2 – 80 ppb	5 kits	Made to order
Atrazine	520005	96	Water	0.05 – 5 ppb	-	-
DDE/DDT	540041	96	Water, Soil	0.625 – 25 ppb	5 kits	Made to order
Dicamba	500050	96	Water, Durum Wheat, Soil	0.075 – 5 ppb	-	-
Diuron	520001	96	Water	0.03 – 3 ppb	5 kits	Made to order
Glyphosate	500205	96	Water, Food, Crop	0.075 – 4 ppb	-	Includes derivatization (3 vials)
	500089	96	Durum Wheat, Whole Oats, Groats, Yellow Peas & Red Lentils	0.075 – 4 ppb	-	AOAC certified; Includes derivatization (3 vials)
Imidacloprid/ Clothianidin	500800	96	Water	0.075 – 1.2 ppb	-	-
Metolachlor	500065	96	Water	0.1 – 5 ppb	5 kits	Made to order
Pyrethroids	500204	96	Water, Surface wipes	1 – 50 ppb	5 kits	Made to order
Trifluralin	500601	96	Water, Fish, Shrimp	0.01 – 1 ppb	-	-
Test Strips						
Glyphosate	500098	5	Water, Food, Crop	0.5 – 20 ppb	-	Made to order
	500095	20	Water, Food, Crop	0.5 – 20 ppb	-	-
Other						
Organophosphate/ Carbamate (OP/C)	550051	20	Water, Surface wipes, Dry residues	N/A	5 kits	Made to order. Qualitative only, colorimetric tube kit, read @405nm
	550055	96	Water, Surface wipes, Dry residues	N/A	-	Qualitative only, colorimetric plate kit, read @405nm

* Protocols for other sample matrices may be available. Contact support.abraxi@us.goldstandarddiagnostics.com

** Number of tests/kit may differ from number of samples based on sample replicates and standards/controls run per batch

Rapid Testing Solutions for Pesticides & Herbicides

Tube Readers & Magnetic Separators

The portable and cost-effective M6+ combo photometer can be used to read results from ABRAXIS® Coated Tube and Magnetic Particle ELISA test kits. With a large LCD display and simple, 2-button control, the instrument is operated with minimal training.

- Weighs less than 850 grams.
- Includes a battery pack with 6 AA alkaline batteries for remote operation.
- Capable of reading standard microtiter plate wells (one well at a time), 12 mm round tubes or 10 mm square cuvettes.
- Comes with a 450 nm filter. (Additional filters may be ordered separately to provide a wavelength range of 400–700 nm).



M6+ combo photometer



The 60-position magnetic separation system is designed for use with our Magnetic Particle ELISA test kits. It can hold and separate up to 60 tubes at a time. The two-piece design consists of a test tube rack which fits over a magnetic base allowing samples to be set up, incubated and magnetically separated without removing the tubes from the rack.

60-position magnetic separation system

Our Turn-key Manual ELISA System Package

Part #: 475010S

Are you looking to implement an on-site ELISA testing program? We've made it simple. Our manual ELISA system package includes everything you need* to get you up and running quickly and successfully.

- 4303 plate reader, pre-programmed for ABRAXIS® ELISA kits
- On-site training for up to 3 operators by our Technical Support staff
- 3 ABRAXIS® ELISA test kits (used for training)
- Pipettes & tips (repeater pipette as well as single and multi-channel micro-pipettes)
- Training consumables (plate covers, reagent basins, empty plate frame etc.)
- Shipping within the continental US & Canada
- Individual system components also sold separately



Have you considered automation?

We also offer fully automated ELISA system packages**

**Check out our brochure
"8 Reasons to Automate" ****

* System packages are offered in the US & Canada only through GSD Horsham. Computer and printer must be sourced separately

** Contact us for information on ELISA kits verified for use with our automated systems.

AbraScan® test strip reader

Removes subjectivity, provides traceability

The hand-held AbraScan Test Strip Reader is compatible with ABRAXIS® lateral flow test strips. The easy-to-use reader eliminates the need for subjective visual comparison of control and test line intensities and maintains a digital photographic record of all test strip results.

- Pre-programmed for ABRAXIS® test strip kits
- Objectively analyzes a test strip in 5-10 seconds
- Rugged, requires minimal maintenance
- Intuitive user interface and color touchscreen display
- Proprietary line detection algorithms adjust for variability in test strip positioning



Part #	Description
475025B	AbraScan® Dipstick Reader III, handheld reader with supplemental software

Quality Control Materials

The use of a control solution with each run allows for more accurate visual interpretation of test strip results by providing a reference for the line intensity appearance. The Glyphosate Test Strip Control Solution for the Glyphosate Test Strip Kit provides a reference for mid-detection range (2 ppb) glyphosate contamination. Glyphosate spiking solution can be used to prepare matrix spikes.



Part #	Description
500102	ABRAXIS® Glyphosate Strip Control Solution - Mid Detection Range, 2 ppb
301358	ABRAXIS® Glyphosate Spiking Solution, 10 ppm; 1 mL



Contact Us

Questions about our products and services? Contact us and a representative will contact you within the next business day. If you are outside the US and Canada, we will forward your request to our local distributor partner if applicable.

If you already have our test kits and have questions about their use, feel free to reach out using our Technical Support team direct line at +1 267-982-5017 or via email at support.abraxis@us.goldstandarddiagnostics.com.



Contact Us



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