

Manual ELISA system package

**ELISA test kits** 

Standards & QC materials

Algal toxin proficiency testing programs



# A Turn-key Solution for New ELISA Users

## **Our Turn-key Manual ELISA System Package**

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.



Part #: 475010S

- 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

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

## **ELISA plate kits**



- Permit quantitative determination of analyte concentrations in water\*
- Results in ~2-4 hours
- · Require only basic lab (pipetting) skills
- Equipment costs at least 10-fold less than traditional instrumental methods
- Cost/sample as low as \$15-20 (depending on sample batch size)

\*Protocols for additional sample matrices are available. Contact support.abraxis@us.goldstandarddiagnostics.com

Product Group	Analyte	Part #
Algal Toxins	Anabaenopeptins	520070
	Anatoxin-a	520060
	BMAA	520040
	Brevetoxin	520034
	Cylindrospermopsin	522011
	Domoic acid (ASP) - Onsite	ON0021
	Microcystins/Nodularin ADDA	520011
	Microcystins/Nodularin ADDA Ohio	520011-OH
	Microcystins/Nodularin ADDA SAES	520011-SAES
	Microcystins/Nodularin DM	522015
	Microcystins/Nodularin PP2A	520032
	Okadaic acid (DSP)	520021
	Okadaic acid (DSP) PP2A	520025
	Saxitoxins (PSP)	52255B



Product Group	Analyte	Part #
Biomarkers	Caffeine Carbamazepine	515575 515585*
Industrial Chemicals	Dioxins/Furans (TCDD) PCBs Higher Chlorinated Phthalates Triclosan	530037* 530041* 530050* 530114*
Pesticides	2,4-D Atrazine DDE/DDT Diuron Glyphosate (w/ derivatization) Imidacloprid/Clothianidin Metolachlor Pyrethroids Trifluralin	54003A* 520005 540041* 520001* 500205 500800 500065* 500204* 500601



\* Made to order. 5 kit minimum purchase quantity.

## Algal toxin proficiency testing programs

- · Annual drinking water round January registration; runs February/March
- · Annual recreational/raw water round May registration; runs June/July
- · Online registration
- Participants receive a unique code to maintain confidentiality unless release is authorized
- · Materials for sample prep and analysis are sold separately

#### Use:

- Obtain an independent assessment of laboratory performance
- · Assess lab performance against other labs
- Demonstration of lab capabilities and competency

### **Proficiency Testing Process Overview**

#### Registration

Customer submits online registration form.

A completed

A completed registration form and PO are required to finalize registration

#### Distribution

We produce and distribute test samples (water samples spiked with known toxin congeners and concentrations)

#### Testing & Results •

Each participant lab tests the samples using its own equipment, test method (i.e., HPLC, ELISA, PP2A, etc.) and personnel and forwards the results back to us

#### Final Reports

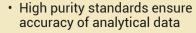
We prepare and send a program report including lab reported results, method used and statistical evaluation of results compared to other labs performing the same analysis

## Algal toxin standards & QC materials

Standards and/or controls are included with our test kits, but we also offer a variety of algal toxin standards and quality control materials for specific customer needs. For a complete listing, request our Algal Toxin Standards flyer.

- ISO 17034 CIFGA certified reference materials
- Highest assurance in accuracy of analytical data
- Tested via multiple methods to ensure homogeneity and concentration
- Certificate of analysis available

Certified reference materials



- Tested/quantified using extinction coefficients (OD values)
- Certificate of analysis available
- High purity, isotopically labeled versions of common toxins
- Tested/quantified using extinction coefficients (OD values)
- Certificate of analysis available

High quality analytical standards



**Labeled standards** 



- Permit users to demonstrate ELISA analysis capability
- Available for manual or automated analysis (on our CAAS Cube system)
- Certificate of analysis available
- Solutions with known concentrations of the analyte in the matrix of interest
- Certificate of analysis available

MDL (method detection limit) study solutions



Matrix-specific standards







Phone: (215) 357-3911

Email: sales.abraxis@us.goldstandarddiagnostics.com www.abraxiskits.com