



# GOLD STANDARD DIAGNOSTICS A Turn Key Solution Instructions

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**GOLD STANDARD DIAGNOSTICS A Turn Key Solution**



## Specifications

- **Product Name:** Manual ELISA System Package
- **Part Number:** 475010S
- **Available in:** US & Canada through GSD Horsham only
- **Computer and printer must be sourced separately**

## Product Information

- The Manual ELISA System Package is a turn-key solution designed for new ELISA users. It includes ELISA test kits, standards & QC materials, and algal toxin proficiency testing programs.
- This package is offered by Gold Standard Diagnostics Horsham.
- Protocols for additional sample matrices are available.
- For more information, contact [support.abraxix@us.goldstandarddiagnostics.com](mailto:support.abraxix@us.goldstandarddiagnostics.com).
- The proficiency testing process involves registration, distribution of test samples, testing & results by participant labs, and final reports.
- This program ensures accurate testing and evaluation of results.
- Standards and/or controls are included with the test kits. Additional algal toxin standards and quality control materials are available for specific customer needs. Contact Gold Standard Diagnostics for more information.

## Product Usage Instructions

- Ensure you have all components included in the package before starting.
- Follow the provided protocols for sample preparation and testing procedures.
- Register online, follow the distribution process, conduct testing using your equipment, and submit results for evaluation.
- Refer to the provided standards and controls included with the test kits. For specific needs, request additional materials as required.

## FAQ

- **Q:** Can the Manual ELISA System Package be used outside the US & Canada?

- **A:** No, the system packages are currently offered only through GSD Horsham in the US & Canada.
- **Q:** How can I request additional algal toxin standards?
- **A:** Contact Gold Standard Diagnostics for a complete listing and to request specific standards as needed.

## **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?**

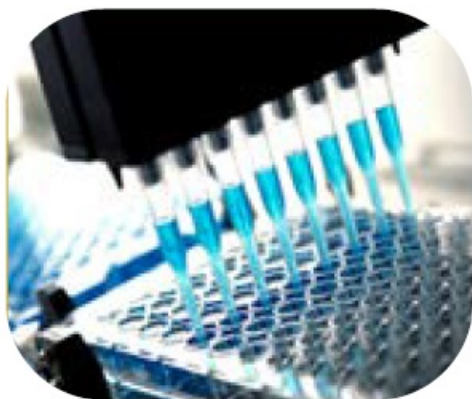
- We also offer fully automated ELISA system packages

#### **Check out our brochure**

- "8 Reasons to Automate"

System packages are offered in the US & Canada only through GSD Horsham. The 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](mailto: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      |



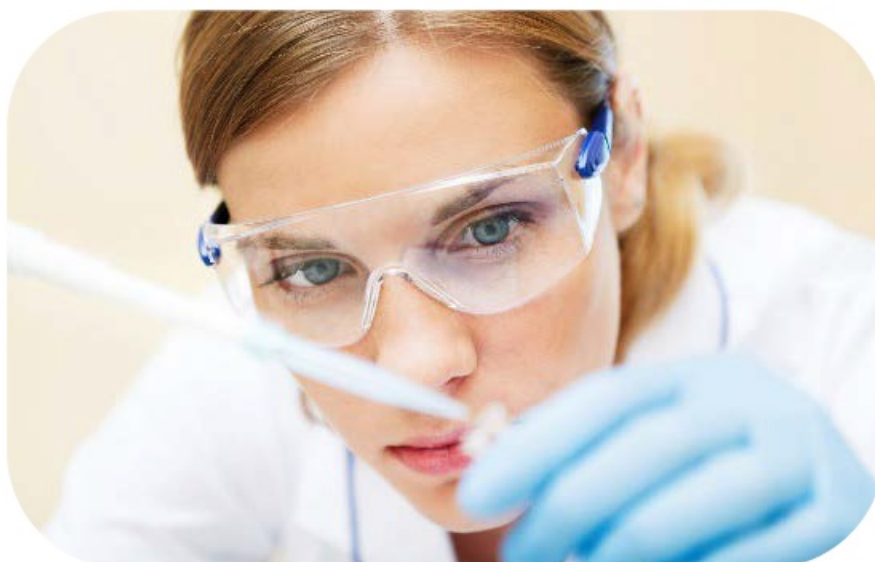
| Product Group        | Analyte                        | Part #  |
|----------------------|--------------------------------|---------|
| Biomarkers           | Caffeine                       | 515575  |
|                      | Carbamazepine                  | 515585* |
| Industrial Chemicals | Coplanar PCBs                  | 530011* |
|                      | Dioxins/Furans (TCDD)          | 530037* |
|                      | PCBs Higher Chlorinated        | 530041* |
|                      | Phthalates                     | 530050* |
|                      | Triclosan                      | 530114* |
| Pesticides           | 2,4-D                          | 54003A* |
|                      | Atrazine                       | 520005  |
|                      | DDE/DDT                        | 540041* |
|                      | Diuron                         | 520001* |
|                      | Glyphosate (w/ derivatization) | 500205  |
|                      | Imidacloprid/Clothianidin      | 500800  |
|                      | Metolachlor                    | 500065* |
|                      | Pyrethroids                    | 500204* |
|                      | Trifluralin                    | 500601  |



- Made to order. 5 kit minimum purchase quantity.

## Algal toxin proficiency testing programs

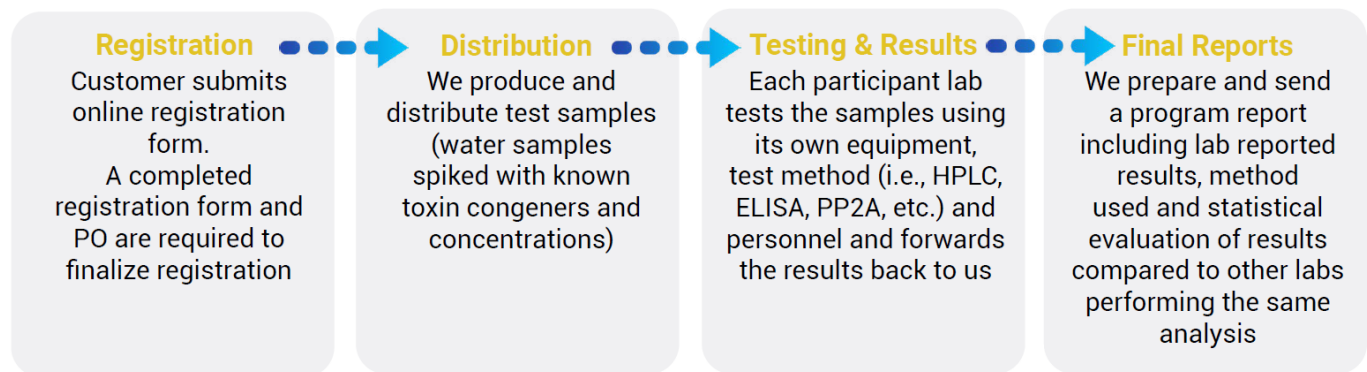
- Annual drinking water round – January registration; runs February/March
- Annual recreational/raw water round – May registration; runs June/July
- Online registration
- Participants receive a unique code to maintain confidentiality unless release is authorized
- Materials for sample prep and analysis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



## Algal toxin standards & QC materials Contact Us

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.

## Certified reference materials

- 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



## High-quality analytical standards

- High purity standards ensure the accuracy of analytical data
- Tested/quantified using extinction coefficients (OD values)
- Certificate of analysis available



## Labeled standards

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



## MDL (method detection limit) study solutions

- Permit users to demonstrate ELISA analysis capability
- Available for manual or automated analysis (on our CAAS Cube system)
- Certificate of analysis available



## Matrix-specific standards

- Solutions with known concentrations of the analyte in the matrix of interest
- Certificate of analysis available



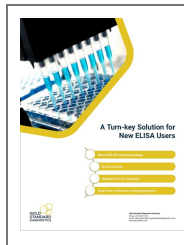
## Contact Us

### Gold Standard Diagnostics Horsham

- Phone: [215-357-3911](tel:215-357-3911)
- Email: [sales.abraxis@us.goldstandarddiagnostics.com](mailto:sales.abraxis@us.goldstandarddiagnostics.com)
- [www.abraxiskits.com](http://www.abraxiskits.com)





## Documents / Resources



### [GOLD STANDARD DIAGNOSTICS A Turn Key Solution](#) [pdf] Instructions

475010S, 520070, 520060, 520040, 520034, 522011 ON0021, 520011, 520011-OH, 520011-S AES, 522015, 520032, 520021, 520025, 52255B, A Turn Key Solution, Turn Key Solution, Key Solution, Solution

## References

-  [Gold Standard Diagnostics - Home Page](#)
-  [Home](#)
- [User Manual](#)

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