






Rapid Testing Solutions for Industrial Chemicals

-  ELISA Test Kits
-  Manual ELISA System Package
-  Automated ELISA System Package



**GOLD
STANDARD
DIAGNOSTICS**

Gold Standard Diagnostics Horsham
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Rapid Testing Solutions for Industrial Chemicals

Industrial chemicals can pose serious risks to human health, potentially causing acute and chronic health effects, including respiratory issues, neurological damage, and increased cancer risk. Our test kits allow testing to be performed in on-site facilities.



Dioxins/Furans: Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) are highly toxic having been linked to cancer, liver damage, and various reproductive and developmental diseases. Traditional GC-HRMS analysis of PCDDs and PCDFs requires extensive sample clean-up and expensive instrumentation, limiting the number of samples that can be analyzed in a timely, cost-effective manner. ABRAXIS® Dioxin/Furan ELISA offers improved cost, sensitivity and sample throughput.



PCBs, Higher Chlorinated: Polychlorinated biphenyls (PCBs) are chemically inert and heat-stable synthetic industrial compounds that persist in the environment for long periods of time. Although illegal now, PCBs were produced in the past and marketed under various trade names (Aroclors®, Kaneclors®, etc.), for use as dielectric fluids in capacitors and transformers, heat transfer fluids, hydraulic fluids, and lubricating and cutting oils.



Phthalates: Phthalates are a group of compounds, which are used to increase flexibility and durability in plastics. These functional qualities have made Phthalates useful for a wide variety of purposes and resulted in their inclusion in products ranging from building materials to personal care products and pharmaceuticals.

Benefits of ELISA

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



ABRAXIS® Industrial Chemical ELISA plate kits

Analyte	Part #	Verified matrices*	Kit range	LOD	Minimum order requirement
Dioxins/Furans	530037	Water, Soil, Sediment	2.5 – 50 ppt 25 – 500 ppt	2.5 ppt 25 ppt	5 kits
PCBs, Higher Chlorinated	530041	Water, Soil	2 – 500 ppb 200 – 50,000 ppb	2 ppb 200 ppb	5 kits
Phthalates	530050	Water, Water (conc.)	30 – 2,000 ppb 5 – 333.3 ppb	30 ppb 5 ppb	5 kits

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

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



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.

About Gold Standard Diagnostics

For over 25 years, Gold Standard Diagnostics Horsham (formerly Eurofins Abraxis) has developed, manufactured, and marketed rapid environmental, food, and life sciences test systems to meet the testing needs of research and industry. Traditional analytical laboratory testing can often be costly and time consuming. Our commercially available test kits allow for accurate, on-site testing, providing near real time answers for critical decision-making, often at a lower cost than traditional methods.

We offer test kits for the following water quality/environmental testing applications:

- Algal Toxins
- Industrial Chemicals
- Markers for Bioactivity
- Pesticides & Herbicides
- Vitellogenin (Vtg)



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