

Rapid Detection of Algal Toxins Using ABRAXIS® Test Strips

For communities, regional testing organizations, utilities, individuals and researchers requiring near real time fresh and marine water algal toxin test results to aid in time-critical risk assessment, Gold Standard Diagnostics offers ABRAXIS lateral flow algal toxin test strips.

Our ABRAXIS lateral flow test strips are simple to use and provide semi-quantitative test results. They are based on the same proven lateral flow immunoassay technology that has been used reliably for decades in a variety of industrial applications.

Key Benefits of Algal Toxin Test Strips

- Rapid screening for on-site decisions
- Semi-quantitative/qualitative results
- Answers in ~1 hour
- No lab experience required
- No additional equipment required
- Kits conveniently stored at room temperature



**Standards &
Controls**



**Sample
Collection**



**Sample
Prep**



Analysis



**Results
Interpretation**

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Ordering

Our ABRAXIS algal toxin test strip kits include materials and reagents for sample analysis. See test kit user guides and/or technical bulletins for detail on additional materials required for sample collection and/or extraction from specific sample matrices.

Sample Matrix	Algal Toxin	Test Range	Part #
Fresh water	Anatoxin-a		
	5 test	0.4 – 2.5 ppb*	520042
	20 test	0.4 – 2.5 ppb*	520043
	Cylindrospermopsin		
	5 test	0.5 – 10.0 ppb*	520029
	20 test	0.5 – 10.0 ppb*	520030
	Microcystins/Nodularins		
	Recreational Water		
	5 test	1.0 – 10.0 ppb*	520023
	20 test	1.0 – 10.0 ppb*	520022
Marine, Coastal & Brackish Waters	Raw (Source) Drinking Water		
	5 test	0.5 – 5.0 ppb*	520019
	20 test	0.5 – 5.0 ppb*	520020
	Treated Drinking Water		
	5 test	0.5 – 5.0 ppb*	520016
	20 test	0.5 – 5.0 ppb*	520017
	20 test	0.3 – 3.0 ppb*	520046
	Microcystins/Nodularins		
	5 test	7.5 – 75 ppb*	520016
	20 test	7.5 – 75.0 ppb*	520017

*The upper range of detection can be extended by further sample dilution prior to analysis. Applications for additional sample matrices are also available. Contact support.abraxus@us.goldstandarddiagnostics.com for assistance.

AbraScan® Hand-held Test Strip Reader

Gold Standard Diagnostics offers the AbraScan dipstick/test strip reader as an optional accessory for use with many of our test strip kits to provide more objective interpretation of test strip results than visually comparing test and control line intensities. The AbraScan reader also maintains a digital photographic image of test strips for traceability and future review of results.

