



## Rapid Quantitative Analysis of Fresh and Marine Water Algal Toxins

For utilities, regional testing programs and individual researchers requiring near real time answers and quantitative algal toxin test results to support rapid and informed decision-making, Eurofins Abraxis offers ELISA test kits for fresh and marine water algal toxins. Our 96-well plate kits are based on proven, enzyme-linked immunosorbent assay (ELISA) technology that has been used reliably for decades in a variety of industrial applications requiring rapid, reproducible results that support onsite decision-making.

### Key Benefits of ELISA Analysis

- Rapid, laboratory-based analysis
- Quantitative results
- Answers in ~3-4 hours, not days
- Simple methodology requires basic lab skills
- Fully automated analyzers available
- Improves turnaround by eliminating delays associated with sample shipment for offsite analysis



**Standards &  
Controls**



**Sample  
Collection**



**Sample  
Prep**



**Analysis**



**Results  
Interpretation**

# Rapid Quantitative Analysis of Fresh and Marine Water Algal Toxins



## Ordering

Our algal toxin ELISA plate kits include materials and reagents for sample analysis. See specific test kit user guides and/or technical bulletins for specific sample matrices for sample collection and extraction materials that may be required and ordered separately.

Sample Matrix	Algal Toxin	Test Range (ppb)	Part #
Fresh Water	Anabaenopeptins	0.10 – 2.0	520070
	Anatoxin-a	0.165 – 5.5	520060
	BMAA	5.0 – 500.0	520040
	Cylindrospermopsin	0.05 – 2.0	522011
	Microcystins/Nodularins		
	EPA Method 546	0.15 – 5.0	520011
	Ohio Method	0.15 – 5.0	520011OH
	Enhanced Sensitivity	0.05 – 5.0	520011SAES
	DM (Quick)	0.15 – 5.0	522015
	Saxitoxins/Lyngbyatoxin (PSP)	0.022 – 0.44	52255B
Marine, Coastal & Brackish Waters	Brevetoxin (NSP)	0.0125 – 2.5	520026
	Cylindrospermopsin	0.15 – 6.0	522011
	Domoic Acid (ASP)	0.5 – 10.0	ON0021
	Microcystins/Nodularins		
	EPA Method 546	0.263 – 8.75	520011
	DM (Quick)	0.165 – 5.5	522015
	Okadaic Acid (DSP) EC 2002/225	0.1 – 5.0	520021
	Saxitoxins (PSP)	0.02 – 0.4	52255B
Shellfish	Brevetoxin	4.5 – 900.0	520026
	Domoic Acid (ASP)		
	-	100.0 – 2,000.0	ON0021
	AOAC 2006.02	10.0 – 250,000.0	520501
	Microcystins/Nodularins - DM	3.75 – 125.0	522015
	Okadaic Acid (DSP)		
	EC 2002/225	100.0 – 5,000.0	520021
	EC 2002/225	140.0 – 7,000.0	520021
	PP2A	63.0 – 352.0	520025
	Saxitoxins (PSP)		
	Laboratory – Method 1	40.0 – 800.0	52255B
	Laboratory – Method 2	20.0 – 400.0	52255B
Shipboard	20.0 – 120 µg/100 g	52255SB	

Applications for other sample matrices may also be available. Contact us to discuss your specific needs and to learn more about available applications.

**We also offer ELISA plate readers and fully automated test systems. Contact us or visit our website to learn more.**

**Eurofins Abraxis**

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