HARMFUL ALGAL BLOOM SOLUTIONS

Algal Toxin Test Kits

Made in-house: field-ready strips, lab ELISA, qPCR and testing services.

Lateral Flow rapid strip tests

FC field-compatible: sampling materials included

ANALYTE	KIT / MATRIX	CATALOG #	TEST RANGE
Anatoxin-a	Recreational Water FC	**AU2062**	**≥7 ppb**
	Lab	**AU2062-01**	*Inquire*
Cyclic Imines	Rapid Detection	**AU2026**	*Inquire*
Cylindrospermopsin	Source Freshwater	**AU2058**	**≥30 ppt**
	Recreational Water FC	**AU2058-01**	**≥30 ppt**
Microcystin / Nodularin	Recreational Water FC	**AU2024**	**≥0.4 ppb**
	Lab	**AU2024-01**	**≥0.4 ppb**
	Finished / Drinking Water	**AU2024-02**	**≥0.1 ppb**
Okadaic Acid (DSP)	Shellfish	**AU2071**	**≥160 ppb**
	Fresh & Seawater FC	**AU2072**	*Inquire*
	Fresh & Seawater, Lab	**AU2072-01**	*Inquire*
Saxitoxin (PSP)	Source Freshwater FC	**AU2057**	**≥0.1 ppb**
	Shellfish	**AU2057-01**	**≥50 ppb**
Tetrodotoxin	Rapid Detection	**AU2047**	*Inquire*

ELISA quantitative plate assays

ANALYTE	KIT	CATALOG #	TEST RANGE
Brevetoxin (NSP)	Standard	**EL2023-02**	**0.10–2.5 ppb**
Cylindrospermopsin	Standard	**EL2047-02**	**0.03–2.0 ppb**
Microcystin / Nodularin	Sensitive	**EL2024-02**	**0.05–2.0 ppb**
	Congener-Independent (EPA 546)	**EL2024-05**	**0.15–2.0 ppb**
Okadaic Acid (DSP)	Standard	**EL2050-01**	**0.30–16.2 ppb**
Saxitoxin (PSP)	Standard	**EL2048-04**	**0.02–0.32 ppb**
Tetrodotoxin	Standard	**EL2057**	*Inquire*

More kits & **testing services** on reverse →

attogene.com · sales@attogene.com

Algal Toxin Test Kits & Services

ATTOGENE

RT-qPCR genes of potentially toxic algae · *test ranges: inquire*

TARGET · GENE	CAT #
CYANOTOXIN GENES	
Aetokthonotoxin · *AetA*	**NA2031**
Anatoxin-a · *AnaC*	**NA2025**
Cylindrospermopsin · *CyrJ*	**NA2026**
Microcystin · *McyE*	**NA2024**
Saxitoxin · *SxtA*	**NA2027**
MARINE BIOTOXINS	
Ciguatoxin · *Gambierdiscus lapillus*	**NA2036**
Domoic Acid · *DabA*	**NA2063**

TARGET · GENE	CAT #
TASTE & ODOR	
Geosmin · *geoA*	**NA2051**
2-MIB · *mic*	**NA2052**
COMMUNITY PROFILING & CONTROLS	
Universal 16S for targeted NGS	**NA2029**
Universal 23S for targeted NGS	**NA2028**
16S Internal Amplification Control	**NA2030**

Enzymatic

ASSAY	CAT #	RANGE
OPaC (organophosphate & carbamate)	**EZ2015**	*Inquire*
Alkaline Phosphatase	**EZ2020**	**5–50 IU/L**
Acetylcholinesterase	**EZ2021**	**10–600 IU/L**
Thiocholine (AChE inhibition)	**EZ2018**	*Inquire*

Passive Sampling

PRODUCT	CAT #
SPATT Bag Set: all algal toxins	**CO2029**

SPATT bags sit in the water and collect dissolved toxins over time. Analyze with Attogene ELISA or lateral flow kits.

Cyanotoxin Testing Services

Results in 48–72 hrs

SEND US YOUR SAMPLES FOR

- Total microcystins & nodularins (EPA 546-compatible ELISA)
- Potentially toxigenic (PTOX) cyanobacteria ID
- 23S rDNA barcoding and sequencing
- Algae assessment: morphology, chlorophyll, phycocyanin, phycoerythrin
- qRT-PCR molecular monitoring

HOW TO SUBMIT

1. Contact us to confirm volume, container & holding

2. Complete the chain-of-custody form

3. Ship overnight on ice

Drinking, ambient, recreational & bloom water. Listed in the U.S. EPA directory of cyanotoxin labs.

Also available: plate readers for ELISA & lateral flow · custom lateral flow, ELISA & PCR development · matrix optimization on request

Quotes, sample matrices or analytes not listed:
3913 Todd Lane, Suite 310, Austin, TX 78744

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