

Laboratory	Address	Contact	Cyanotoxin	Method	MDL (ng/mL) (ppb)	RL (ng/mL) (ppb)	Response Time	2020 Pricing (\$)	Shipping Preference	Comment
Kansas State Veterinary Diagnostic Laboratory	Kansas State University 1800 Denison Avenue Manhattan, KS 66506	785-532-5650, 1-866-512-5650 Email: clientcare@vet.k-state.edu	Collection Kit Only	Blue Green Algae Field Kit (TOX-1000)			2-4 business days	\$21.00	Next day delivery is recommended	
			Cyanobacteria ID and enumeration	Microscopy - Blue-Green Algae (TOX-1003)			1-2 business days	\$22.50	Next day delivery or 2 day transit is recommended	
			Mycrocystin/ Nodularin	M BIO test	0.6			\$100.00	Next day delivery is recommended	
			Cylindrospermopsin	M BIO test	0.7					
Aquatic Control	418 W. State Rd 258 Seymour, IN 47274	Phone: 812-497-2410, 800-753-5253 (LAKE) Email: lab@aquaticcontrol.com	Microcystins (Recreational and source water)	Dipstick detection assay	Semi-quantitative test used for screening purposes	Semi-quantitative test used for screening purposes	3 business days	\$60	Overnight with ice packs in insulated box or cooler	
			Cylindrospermopsin (Source water)	Dipstick detection assay	Semi-quantitative test used for screening purposes	Semi-quantitative test used for screening purposes		\$60		
			Anatoxin-a (Source water)	Dipstick detection assay	Semi-quantitative test used for screening purposes	Semi-quantitative test used for screening purposes		\$70		
			Microcystins	ELISA (Microcystins/nodularins Adda)	0.15	0.3		\$200*		
			Cylindrospermopsin	ELISA	0.04	0.1		\$200*		
			Anatoxin-a	ELISA	0.1	0.3		\$225**		
CyanoPros	203 Swingle Hall, Auburn University, Auburn, Alabama 36849	Phone: 334-246-1120 Fax: 334-844-9208 Email: cyanopros@auburn.edu	Microcystin	ELISA	Depends - whole water 0.05 ug/L; filtered water <0.003 ug/L	Depends - whole water 0.05 ug/L; filtered water <0.003 ug/L	1-2 business days	\$75.00	None	Overnight whole water in plastic bottles with ice packs in insulated box or cooler
			Phycocyanin	Fluorometry	<1 ug/L	1 ug/L	1-2 business days	\$50.00		
			Chlorophyll	Fluorometry	<1 ug/L	1 ug/L	1-2 business days	\$25.00		
			MIB & Geosmin	GC-MS	1 ng/L MIB; 1 ng/L Geosmin	3 ng/L MIB; 2 ng/L Geosmin	1-2 business days	\$200.00		Glass vials with foil liner caps and no head space is ideal; otherwise whole water sent overnight with ice packs in insulated box or cooler
Eco Analysts Inc.	1417 Hoff Industrial Ctr. O'Fallon, MO 63366	Phone: 636-281-1982 Email: contactmo@ecoanalysts.com	Phycocyanin	Jo-Marie E. Kasinak			<30 days	\$55	FEDEX (1) or UPS (2). Overnight/filters on dry ice best; wet ice works	Kasiak, J., et al. First published online October 29, 2014 doi:10.1093/plankt/fbu096. Benchtop fluorometry of phycocyanin as a rapid approach for cyanobacterial biovolume J. Plankton Res. (2015) 37(1): 248–257estimating Do not Send any glass containers. Check out the website for sample collection, preservation, packaging and shipping
			Cyanobacteria ID and enumeration	Microscopy				\$149	FEDEX (1) or UPS (2) minimum 250ml; preserve in Lugol's iodine solution	
			Whole algae community (no biovolume)	Microscopy				\$325		
			Whole algae community (with biovolume)	Microscopy				\$395		

Laboratory	Address	Contact	Cyanotoxin	Method	MDL (ng/mL) (ppb)	RL (ng/mL) (ppb)	Response Time	2020 Pricing (\$)	Shipping Preference	Comment			
EnviroScience, Inc	5070 Stow Road, Stow OH 44224	Phone: 330-688-0111 Email: aquaticbiologylab@enviroscienceinc.com	Microcystins/Nodularins	ELISA/OEPA DES 701.0	0.15	0.3	5 business days	Call lab for pricing	125mL, kept cold and dark, any overnight carrier or client drop	EnviroScience can provide sample bottles, insulated shipping container, and priority overnight shipping labels; TAT can be expedited for an additional fee			
			Cylindrospermopsin	ELISA	0.05								
			Saxitoxin	ELISA	0.02								
			Anatoxin-a	ELISA	0.15							250mL, kept cold and dark, any overnight carrier or	Turn around time varies as samples are run on a biweekly schedule
			qPCR	OEPA DES 705.0/Phytoxigene								250-500mL, kept cold and dark, any overnight carrier or client drop	EnviroScience can provide sample bottles, insulated shipping container, preservative (upon request), and priority overnight shipping labels; TAT can be expedited for an additional fee
			HAB Screening							3-5 business days			
			Chlorophyll-a										
			Ash Free Dry Weight										
			Qualitative Algal Analysis							7-10 business ddays			
Quantitative Algal Analysis													
Diatom Analysis													
Eurofins Eaton Analytical (EEA)	110 South Hill Street. South Bend, IN 46617-2702; 750 Royal Oaks Drive, Suite 100, Monrovia, CA 91016	Phone: 574-233-4777 (EEA South Bend); 626-386-1100 (EEA Monrovia)	Total Microcystins	EPA 546	---	0.3 µg/L	10 business days Expedited turnaround times (TATs), verbal and/or written, may be available based on current lab capacity. Surcharges may apply.	\$150.00	Ground delivery of sample kits (containers and preservatives) is included in	Non-UCMR4 protocol; ELISA is calibrated against one congener, MC-LR.			
			Cylindrospermopsin & Anatoxin-a	EPA 545	---	Cylindrospermopsin = 0.05 µg/L; Anatoxin-a = 0.02 µg/L		\$280.00		Non-UCMR4 protocol			
			Microcystins & Nodularin	EPA 546	---	0.1 µg/L		\$350.00		Non-UCMR4 protocol; Microcystin-LA, Microcystin-LF, Microcystin-LR, Microcystin-LY, Microcystin-RR, Microcystin-YR and Nodularin			
			Cylindrospermopsin & Anatoxin-a plus Microcystins & Nodularin	EEA SB L231	0.0094 - 0.047 µg/L	0.02 - 0.1 µg/L		\$400.00	In-House Method: EEA South Bend Method L231; Cylindrospermopsin, Anatoxin-a, Microcystin-LA, Microcystin-LF, Microcystin-LR, Microcystin-LY, Microcystin-RR, Microcystin-YR and Nodularin				
			Algae Identification	SM 10900	N/A	N/A		\$160.00	EEA Monrovia				
			Algae Enumeration	SM 10200 F	---	1.0 Algal Cells/mL		\$160.00	EEA Monrovia				
			MIB & Geosmin	SM 6040 D	0.791 - 0.907 ng/L	MIB = 5.0 ng/L; Geosmin = 3.0 ng/L		\$200.00	EEA Monrovia				
			MIB & Geosmin	EEA SB V210	0.40 - 0.70 ng/L	MIB = 2.0 ng/L; Geosmin = 2.0 ng/L		\$200.00	In-House Method: EEA South Bend Method V210; Geosmin, IBMP, IPMP, Methylisoborneol (MIB), 2,4,6-Trichloroanisole (TCA)				
GreenWater Laboratories / CyanoLab	205 Zeagler Drive, Suite 302 Palatka, FL 32177	Phone: 386-328-0882; 877- 869-2542 Email: Info@greenwaterlab.com	Microcystins/Nodularin	ELISA		\$0.30		\$125.00					
			Method 546	ELISA		\$0.30		\$200.00					
			Suite (14+ Variants & Nodularin)	LC-MS/MS	0.01-0.10			\$350.00					
			MMPB (oxidation, extraction & analysis)	LC-MS/MS	\$0.05			\$250.00					
			Cylindrospermopsin (includes epi-cylindrospermopsin)	ELISA	\$0.05	\$0.10		\$175.00					
			Anatoxin-a	LC-MS/MS	\$0.05			\$200.00					
			Anatoxin-a /Homoanatoxin-a	LC-MS/MS	\$0.05			\$200.00					
			Cylindrospermopsin & Anatoxin-a (Method 545)	LC-MS/MS	\$0.05	0.03 / 0.05		\$300.00					
					\$350.00								

Laboratory	Address	Contact	Cyanotoxin	Method	MDL (ng/mL) (ppb)	RL (ng/mL) (ppb)	Response Time	2020 Pricing (\$)	Shipping Preference	Comment
			Saxitoxins (Paralytic Shellfish Toxins)	ELISA		\$0.05	5 business days (shorter turnaround time available)	\$175.00	Any overnight carrier Samples must be shipped overnight and kept cool. Sampling kits are available upon request.	
			<i>Suite (C1/C2, GTX (1,2,3,4,5,6), dcGTX2/3, dcSTX, NEO, STX)</i>	LC-MS/MS	0.02-0.60	\$325.00				
			Dermatoxins (Lyngbyatoxin-A & Aplysiatoxins)	LC-MS/MS	0.1 - 5.0	\$325.00				
			Domoic Acid	LC-MS/MS	\$0.05	\$275.00				
			Brevetoxins	ELISA		\$325.00				
			(includes PbTx-2 & PbTx-3)	LC-MS/MS	0.05 - 2.00	\$350.00				
			Okadaic Acid (Okadaic acid, DTX1, DTX2)	LC-MS/MS	0.05 - 2.00	\$350.00				
			BMAA (free; includes BAMA, AEG & 2,4-DAB)	LC-MS/MS	0.5-10.0	\$325.00				
			Phycological Services							
			Potentially Toxigenic (PTOX) Cyanobacteria Screen			\$100.00				
			Qualitative Algal Identification			\$125.00				
			Cyanobacteria ID & Enumeration			\$200.00				
			Total Algal ID & Enumeration			\$250.00				
			Algal ID, Enumeration & Biovolume			\$325.00				
			Molecular Services							
qPCR Total Cyanobacteria (16s DNA) <u>or</u> Toxins (mcyE/ndaF, stxA, cyrA)			\$200.00							
qPCR Total Cyanobacteria (16s DNA) <u>and</u> Toxins (mcyE/ndaF, stxA, cyrA)			\$300.00							
Lake Superior State University	School of Physical Sciences, CRW 353 650 West Easterday Avenue Sault Ste.	Phone: 906-635-2076 Email: bsouthwell@lssu.edu	Anatoxin	ELISA		0.2	48 hours	\$120.00	UPS	
			Cylindrospermopsin	ELISA		0.05		\$100.00		
			Microcystin	ELISA		0.2		\$100.00		
			Saxitoxin	ELISA		0.02		\$100.00		
Phycotech, Inc.	620 Broad Street, Suite 100, St. Joseph, MI 49085	Phone: 269-983-3654, Fax: 269-983-3653, Email: ktruhn@Phycotech.com	Microcystins/ Nodularians	Immunochromatographic Strip Test	1		24 Hr or Less (samples analyzed upon arrival)	\$65	Ship samples on ice via overnight service. Specify morning delivery when sending live samples for IFCB analysis	
			HAB taxa	IFCB Algal Analysis			72 hours	120		Additional charge of \$11 if the sample is preserved and not live. Kit includes sample bottle, cooler, labels, and ice pack
			HAB taxa	IFCB Algal Analysis			24 hours	140		
			HAB taxa (Rapid HAB Kit)	IFCB Algal Analysis			24 hours	258		
Water Management Laboratories	1515 80th Street East Tacoma, WA 98404	Phone: 253-531-3121 Fax: 253-531-5287 Email: customerservice@watermanagementlabs.com	Cylindrospermopsin / Anatoxin-A	EPA method 545				\$250.00		
			Total Microcystins	ELISA (EPA method 546)				\$200.00		