



Eurofins Technologies Testing Solutions for Water Risk Management

Water is the most important resource we have, and it is vitally important for all of us. So, in many countries it is the object of numerous environmental laws and regulations. This relates not only to drinking water but ultimately also for the whole water cycle, for example surface and ground water, process and waste water.

When it comes to water testing, the flexibility to use either instrumental analysis methods or field based systems can provide distinct advantages to users. Laboratory based systems are accurate and can be efficient with higher volume workflows, they can also be more costly and time consuming. Commercially available rapid test kits can provide quicker results at a lower cost.

Anatoxin-a, BMAA, Cylindrospermopsin, Microcystins, Saxitoxins and Anabaenopeptins test kits form the core for fresh water cyanotoxin testing.

Eurofins Technologies, through its subsidiary Abraxis provides innovative, comprehensive, real time, field and lab based testing solutions for water testing.

- Automated assay systems and readers
- DNA/RNA extraction/isolation magnetic particle based kits
- Fresh and marine water immunoassay kits, including:
 - Algal Toxins
 - Pesticides
 - Estrogen Kits
 - Industrial Chemicals / Hydrocarbons
 - Legionella
- Pathogens
- Veterinary Residues
- Certified analytical and labelled standards
- Proficiency Testing



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Glyphosate Kits

The only commercially available ELISA and Test Strip test kits to provide both quantitative and qualitative detection of glyphosate in water, with additional applications in soil, crops, food and biological samples. Protocols are available for various unique sample matrices.

ELISA Kit Benefits

- Minimal sample preparation
- Results in less than 3 hours
- Increased sensitivity and accuracy

Test Strip Benefits

- Simple and fast
- Results in less than 1 hour
- LOD 2.5 ppb

Other pesticide kits available include: 2,4-D, Acetochlor, Alachlor, Atrazine, Azoxystrobin, Triazine Metabolite (DACT), Carbendazim/Benomyl, Cyclodienes, DDE/DDT, Diuron and Fluridone.

Algal Toxin Kits

Multiple technologies, formats and applications are available to allow testing laboratories to achieve their required regulatory water analysis objectives. Anatoxin-a, BMAA, Cylindrospermopsin, Microcystins (including Microcystin-ADDA) and Saxitoxin test kits form the core for fresh water cyanotoxin testing; three of these test kits are listed in the US EPA methodology (UCMR 4).

Cyanotoxin ELISA Kit Information:

520060	Anatoxin-a (VFDF) ELISA kit (96T)
522011	Cylindrospermopsin ELISA Kit (96T)
522015	Microcystins / Nodularins-DM ELISA Kit (96T)
520032	Microcystins / Nodularins, PP2A ELISA Kit (96T)

520040	BMAA ELISA Kit (96T)
520011	Microcystins / Nodularins (ADDA) ELISA Kit (96T) US EPA Method 546
52255B	Saxitoxins ELISA Kit (96T)

Fresh Water Test Strips

Easy to use strip tests for the detection of cyanotoxins. If the sample contains toxin over the US EPA health advisory or World Health Organisation limits, these kits will provide a positive result even if there are no visible algal cells in the sample. The tests include internal controls and can be used as field tests with the requirement of laboratory equipment. Microcystin test strips are available for drinking (source and finished) recreational and marine/brackish waters.

Fresh Water Test Strip Kit Information:

520043	Anatoxin-a (VFDF) 0-2.5ppb
520030	Cylindrospermopsin 0-10ppb
520046	Microcystins 0.3ppb Finished Drinking Water

520017	Microcystins 0-5ppb Finished Drinking Water
520020	Microcystins 0-5ppb Source Drinking Water
520022	Microcystins 0-10ppb Recreational Water