



Rapid Test Strips for Marine Biotoxins in Shellfish and Water

Gold Standard Diagnostics Horsham and Sensoreal have partnered to deliver simple, reliable test kits for the detection of marine biotoxins. Together, we help customers enhance food safety and protect public health through faster, easier, and more dependable risk assessment of life-threatening marine biotoxins associated with harmful algal blooms.

Consumption of PSP, ASP, and DSP toxins in shellfish can cause serious neurological and gastrointestinal illness, posing significant risks to public health and the shellfish industry. Toxin Alert™ kits offer a rapid, cost-effective, and easy-to-use solution for on-site detection of these common marine biotoxins, enabling faster decision-making and proactive risk management.



3rd Party Validated Across Key Shellfish and Water Matrices

- Ensures dependable detection and consistent performance



Traffic Light Assessment System

- Enables users to quickly assess risk levels and take appropriate action



Rapid Risk Assessment

- Water test results within 25 minutes; shellfish results in 45 to 90 minutes (including extraction)



Shellfish Extraction Designed to Minimize Solvent Use

- Makes operations safer and more cost-effective



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Toxin Alert™ kits are validated for sensitivity and specificity for the target analyte, with rigorous quality control. Most tests return results within 25 minutes (water) or 45-90 minutes (shellfish).

Kit	Health Concern	Matrices	# Tests /Kit	Part #	Detection levels in matrix
Saxitoxin (PSP) Alert Kit	Paralytic Shellfish Poisoning	Oysters, clams, mussels, scallops	5 20	520056 520057	<25, 25 to 65 and >65 µg STX equivalents/100g
		Finished drinking water	5 20	520054 520055	<0.15, 0.15 to 0.5 and >0.5 ppb
Domoic Acid (ASP) Alert Kit	Amnesic Shellfish Poisoning	Oysters, clams, mussels, scallops, cockles	5 20	520063 520064	<8, 8 to 15 and >15 mg/kg
		Marine water	5 20	520061 520062	<0.5, 0.5 to 3 and >3 ppb
Okadaic Acid (DSP) Alert Kit	Diarrhetic Shellfish Poisoning	Oysters, clams, mussels, scallops	5 20	520071 520072	<80, 80 to 135 and >135 µg OA equivalents/kg

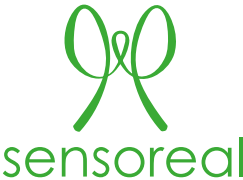
A Single, Hand-held Lateral Flow Reader for All Your Freshwater and Marine Toxin Testing Needs

Gold Standard Diagnostics offers the handheld AbraScan® test strip reader as an optional accessory for use with ABRAXIS® freshwater algal toxin test strips. Purchase of a Sensoreal insert and simple software update*, expands compatibility to Toxin Alert™ marine biotoxin test strips as well. Sensoreal software categorizes marine biotoxin test strip results as Green (low), Amber (medium), or Red (high) enabling users to quickly assess risk levels and take appropriate action.

The AbraScan® reader features an intuitive display and delivers a more objective interpretation of test strip results than visual comparison of test and control line intensities alone. Capture and store digital photographic images of each test strip to provide traceability and enable future review of test results.



*Ask us for details.



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