



Protect Your Paradise:

Early Detection is Your Best Defense
Against Deadly Marine Diseases!



Don't Let Invisible Threats Wipe Out Your Valuable Marine Life and Investment.

The stunning beauty of a marine aquarium or the productivity of an aquaculture system can be shattered by microscopic enemies. Devastating pathogens can quickly take hold, causing significant stress, suffering, and even complete loss of your prized fish and invertebrates.

The Silent Killers: Why Wait for Symptoms?

By the time you see visible signs of disease – spots, slime, rapid breathing, or lesions – pathogens are often well-established and spreading rapidly.

Treatment at this stage can be:

- **Costly:** Medications, hospital tanks, and extended treatment times add up.
- **Stressful:** For both you and your aquatic animals.
- **Difficult:** Many treatments can harm sensitive invertebrates or compromise your biological filter.
- **Too Late:** Advanced infections can have high mortality rates despite your best efforts.

Introducing Your Insurance Policy for a Thriving Marine Environment.

Our state-of-the-art qPCR-based mail-in marine pathogen detection panel is a proactive tool designed to give you peace of mind and a crucial head start against disease. For just **\$49.99** per test, you can screen your system for four of the most common and destructive marine pathogens before they become a crisis.

Why Invest in Early Detection? The Power of Knowing.

Prevent Catastrophic Losses:

Early detection allows for targeted intervention, preventing widespread outbreaks that could decimate your entire population. Imagine the cost of replacing your entire stock versus the small investment in a test.

Protect Your Investment:

Your fish, corals, and invertebrates represent a significant financial and emotional investment. Safeguard them with proactive monitoring.

Reduce Treatment Costs & Complexity:

Identifying pathogens early often means simpler, less expensive, and more effective treatment strategies. Avoid the need for harsh, broad-spectrum chemicals.

Maintain Optimal Health:

Undetected, low-level infections can cause chronic stress, making your animals more susceptible to other issues and reducing their overall vibrancy and longevity.

Quarantine Assurance:

Essential for new arrivals!
Ensure new fish are free from detectable disease before introducing them to your established system.

Peace of Mind:

Know the health status of your aquatic environment and act from a position of knowledge, not panic.

Our qPCR Panel: Sensitive, Specific, and Comprehensive.

Our cutting-edge qPCR (quantitative Polymerase Chain Reaction) technology is:

- **Highly Sensitive:** Detects even low levels of pathogen DNA, identifying infections before visual signs appear.
- **Specific:** Accurately identifies target pathogens – Marine Ich, Velvet, Uronema, and Lymphocystis Virus – avoiding misdiagnosis.
- **Quantitative:** Understand the level of infection, helping to guide the intensity and duration of any necessary interventions.



Know Your Enemy: The Threats We Detect

Marine Ich / Crypto (*Cryptocaryon irritans*):

The “white spot disease” is highly contagious and can quickly overwhelm fish, leading to respiratory distress and death. Early detection is key to breaking its complex life cycle.

Cost of Inaction:

Potential loss of entire fish population, weeks of fallow tank treatment.

Velvet (*Amyloodinium ocellatum*):

This parasitic dinoflagellate attacks the gills and skin, causing a “velvety” or “dusty” appearance. It’s a rapid killer, especially in densely populated systems.

Cost of Inaction:

Swift mortality, difficult to treat in reef tanks due to copper sensitivity of invertebrates.

Uronema (*Uronema marinum*):

A ciliate protozoan that can be particularly devastating, often leading to “red band syndrome” or internal infections. It can thrive in stressed environments and is notoriously difficult to eradicate once established.

Cost of Inaction:

High mortality, especially in certain species; can consume fish tissue rapidly.

Lymphocystis Virus (LCDV):

Causes unsightly, cauliflower-like growths on the fins and skin. While often not directly fatal, it stresses fish, makes them susceptible to secondary infections, and is highly transmissible.

Cost of Inaction:

Reduces aesthetic value, can spread throughout the tank, and weakens fish.



Simple Mail-In Process – Big Peace of Mind!

1. Order Your Kit:

Visit our website (www.dxAquaria.com) to order.

2. Collect Your Sample:

Easily collect a water sample following our simple instructions.

3. Mail It In:

Use the pre-paid return shipper.

4. Get Your Results:

Receive a confidential report detailing the presence and levels of the targeted pathogens, typically within 48-72 hours of lab receipt.



Is \$49.99 Too Much for a Healthy, Thriving Marine Ecosystem?

Consider the alternative:

- The cost of a single prized fish lost.
- The expense of emergency medications and treatments.
- The heartbreak of a full tank wipeout.
- The weeks or months of a fallow system.

Invest in Prevention. Invest in Knowledge. Invest in Your Passion.

Our qPCR pathogen panel isn’t just a test; it’s an essential tool for responsible marine stewardship. It’s the insurance policy that helps you stay one step ahead of disease, ensuring the long-term health, beauty, and success of your marine environment.



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Order Your Marine Pathogen Detection Kit Today!
Visit www.dxAquaria.com to learn more and order.

This test is for screening purposes. Positive results should be discussed with an aquatic veterinarian or disease specialist for appropriate treatment options. Our laboratory is dedicated to providing accurate and timely results to aid in proactive aquatic health management.

dxAquaria
CARE WITH CONFIDENCE