

Maximise Aquaculture Stocks with Fast and Specific Pathogen Detection



genesig® qPCR Detection Kits for Aquaculture Pathogens

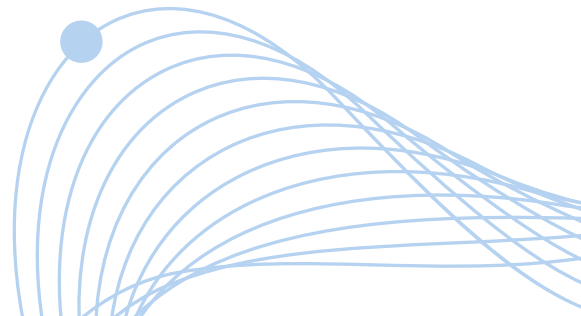
The worldwide demand for fish protein is increasing, which is intensifying the need for more fish farms growing salmon, shrimp, tilapia, prawns and many others.

Whether the fish or shellfish are new additions, or part of an existing stock, pathogen infection can have a big effect on the aquaculture life and your profitability. It is vital to detect pathogens early to reduce fish stress and possible stock depletion.

qPCR offers a fast technique that detects pathogens within a few hours rather than a few days when compared to other methods. This enables you to quarantine or treat the affected aquaculture animal fast, maximising your stock.

Kit Features

- ✓ Rapid detection in just over 90 minutes
- ✓ Easy to use for all user experience levels
- ✓ Broad portfolio of kits, all with an identical running protocol
- ✓ Fast development of new kits on demand
- ✓ Supplied lyophilised with no cold chain shipping



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A Growing Portfolio

Our veterinary product range includes a comprehensive selection of over 240 animal pathogen detection kits. Included in our portfolio are genesig qPCR detection kits for pathogens affecting aquaculture animals.

The veterinary range of genesig qPCR detection kits is currently the fastest growing part of the genesig portfolio. qPCR based veterinary kits attract a lot of attention and this product range addresses some truly unique challenges in the field. The highly selective and specific detection profile of the kits enables the precise identification of the pathogen under investigation. The accurate detection of the disease permits fast isolation and more effective treatment of the aquaculture animal.

A Wide Range of Infections Detected

Our genesig qPCR Detection Kits for Aquaculture pathogens includes kits for fish and shellfish infections:

>25 kits for fish infections including salmonid, tilapia, cod, carp, perch and more

Including:

- ✓ *Flavobacterium psychrophilum*
- ✓ *Neoparamoeba perurans*
- ✓ Piscine reovirus
- ✓ Salmon Gill Poxvirus
- ✓ Salmonid alphavirus
- ✓ Tilapia Lake Virus

3 kits for shellfish infections including shrimp, prawn, oyster and crab

Including:

- ✓ Infectious Hypodermal and Hematopoietic Necrosis Virus (IHHNV)
- ✓ *Vibrio parahaemolyticus*
- ✓ White spot syndrome virus

To see the full range, please visit the SLS website.



The genesig q16: The Easiest, most Affordable qPCR Instrument on the Market

We have developed the genesig q16, the world's most affordable molecular testing platform. The q16 is cost effective, easy to use, and provides high quality results in under 2 hours. The q16 can test up to 14 samples and 2 controls at a time with fast data analysis. This platform was designed to make DNA testing easy for anyone in the aquaculture industry especially those wanting to conduct on-site qPCR testing. The genesig Easy qPCR detection kits are specifically optimised to work with the genesig q16.

Open qPCR Platform Kits

We also offer genesig Advanced qPCR Detection Kits that are in an open platform format for use on any qPCR instrument.

genesig Easy DNA/RNA Extraction Kits

To accompany our genesig qPCR detection kits, we offer genesig Easy DNA/RNA Extraction Kits which extract DNA and RNA from virtually any sample using magnetic bead technology.