



Improve Fish Health Management using Kylt® Aquaculture Diagnostics

Both farmed and wild fish are susceptible to bacterial, viral, and parasitic infections. Farmed fish are reared at higher density than nature, and infected fish are not removed promptly by natural predators. Risks also include the amplification and transmission of disease from farmed to wild fish and vice versa, as well as the introduction of non-native pathogens and parasites when fish are transported.

Fish farmers depend on high survival rates and marketing healthy fish to keep businesses operating on economic feasibility. Hence, disease events in fish farms can have a huge economic impact shown by significant losses in both fresh and seawater.

Many infectious diseases show widespread geographical distribution. Clinical infections can affect fish at any stage, often with detrimental effects. Fish disease outbreaks show high complexity, as especially viral diseases tend to be difficult to diagnose.

We used our expertise to develop a new product line to meet the needs of aquaculturists and natural resource managers. The **Kylt® Aquaculture Diagnostics** are reliable Real-Time PCR tests for the fast detection of economically relevant bacterial and viral diseases.



The Kylt® Aquaculture Detection Kits feature:

- Detection of a range of bacterial and viral fish pathogens
- Development by a team of experts for lab routine
- Easy-to-use products, with aligned protocols and simplified number of steps
- High compatibility within the Kylt® portfolio and thermal cyclers in the market
- Availability for 100 or 25 tests

The use of Kylt® Aquaculture Detection Kits enable:

- Reduced lab costs
- Reduced risk of errors
- Higher lab productivity
- Operational time savings
- Simplified hands-on lab work
- Convenience of integrated solutions



Discover a broad range of tools to monitor pathogens in aquaculture

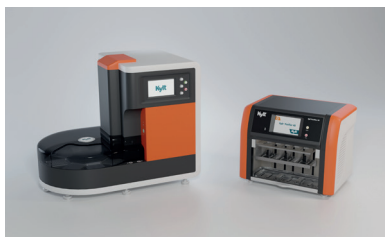
Tested Parameter	Method	Art.-No 100 reactions	Art.-No 25 reactions
Kylt® Edwardsiella ictaluri & piscicida	qPCR	31553	31554
Kylt® Flavobacterium columnare	qPCR	31569	31570
Kylt® Francisella orientalis	qPCR	31571	31572
Kylt® Infectious Pancreatic Necrosis Virus	RT-qPCR	31623	31624
Kylt® Infectious Salmon Anaemia Virus	RT-qPCR	31561	31562
Kylt® Koi Herpesvirus	qPCR	31559	31560
Kylt® Strep. agalactiae Serotype Ia, Ib, III	qPCR	31549	31550
Kylt® Streptococcus iniae	qPCR	31567	31568
Kylt® Viral Haemorrhagic Septicaemia Virus	RT-qPCR	31565	31566
Kylt® Viral Hematopoietic Necrosis Virus	RT-qPCR	31563	31564

Availability of the products in different countries may vary according to specific country regulatory environment. For in vitro use only.

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Different products complement our portfolio

Different products and accessories, which are designed to support RNA and DNA extraction, and purification, pathogen detection, and characterization complement the portfolio of solutions for detecting pathogens in aquaculture.



High-quality tested and certified, easy-to-use products

Kylt® products are easy-to-use and compatible with all Real-Time PCR thermal cyclers available on the market. Kylt® products are developed, validated, and manufactured in Germany, under rigorous protocols, and are put through tests in our daily high-throughput diagnostic routine laboratory, with samples from all over the world. High-quality Kylt® processes and products are certified by ISO9001:2015, FLI and specific authorities in several countries. Furthermore, selected kits have the MicroVal® certificate for proprietary method.



If you need information on Kylt® products or services, please visit us on www.kylt.eu or contact us at info@kylt.eu