KYLT®

IMPROVE FISH HEALTH MANAGEMENT

USING KYLT® FISH DIAGNOSTIC PRODUCTS

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® Fish Diagnostic Products** are reliable Real-Time PCR tests for the fast detection of economically relevant bacterial and viral diseases.

THE KYLT® FISH DIAGNOSTIC PRODUCTS 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

PASSION FOR INNOVATION

THE USE OF KYLT® FISH DIAGNOSTIC PRODUCTS 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

Product name	Method	Article number 100 reactions	Article number 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® Infectious Spleen & Kidney Necrosis Virus	qPCR	31632	31633
Kylt® Koi Herpesvirus	qPCR	31559	31560
Kylt® Streptoccocus iniae	qPCR	31567	31568
Kylt® Viral Hemorrhagic Septicaemia Virus	RT-qPCR	31565	31566
Kylt® Infectious Hematopoietic Necrosis Virus	RT-qPCR	31563	31564

DIFFERENT PRODUCTS COMPLEMENT OUR PORTFOLIO

Different products and accessories, which are designed to support RNA and DNA extraction, 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 almost every Real-Time PCR thermal cycler 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 ISO 9001:2015. Furthermore, selected kits are MicroVal® certified, approved by the Friedrich-Loeffler-Institute (FLI) or registered in severael countries.

For further information, please visit **www.kylt.eu** or contact us a by email: **kylt-de@san-group.com**

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