



Seafood Test Kits

Detection of Veterinary Drug Residues

The intensive and large-scale breeding of aquaculture species in limited land areas leads to the use of veterinary drugs due to the prevention and treatment of diseases.

The widespread use of veterinary drugs in livestock is of great threat as their presence in edible products could induce severe consequences on human health: i.e. hepato- and nefro-toxicity, side effects, allergic reactions, sterility, cancer and, last but not at least, drugs contaminated food can favour anti-microbial resistance.

Seafood Test Kits Portfolio

Gold Standard Diagnostics offers rapid, cost effective and reliable diagnostic tools for the seafood industry in the following fields:

- Veterinary Drug Residues
 - Cloramphenicol
 - Nitrofurantol Metabolites (AOZ, AMOZ, SEM, AHD & CAP)
 - Other substances for BAP (Best Aquaculture Products) audits
- Histamine
- Foodborne Pathogens
- GMO Detection



Seafood Test Kits

Veterinary Drug Residues

The following substances can be detected quantitatively with our ELISA kits:

- Nitrofurans (AMTZ, AOZ, AHD, SEM)
- Chloramphenicol
- Tetracyclines
- Streptomycin
- Quinolones
- Sulfonamides
- Malachite Green
- Crystal Violet

Histamine screening in fish

ELISA Kits detection of Histamine in fresh fish and fish meal:

Article Number	Product Name	LOD (ppm)	Quantitation range (ppm)
HU0030203	Histamine ELISA kit 96 determinations	Fish: 2,5 Fish meal: 100	Fish: 2,5 - 250 Fish meal: 100 - 10 0000

Foodborne pathogen detection

BACGene real-time PCR kits for testing food pathogens such as E. coli, Salmonella and Listeria:

Article Number	Product Name	Article Number	Product Name
5123221801 96 tests	BACGene Salmonella spp.	5123222101 96 tests	BACGene Listeria spp.
5123222701 96 tests	BACGene E.coli 0157:H7	5123221901 96 tests	BACGene Listeria Multiplex
5123222001 96 tests	BACGene Listeria monocytogenes		

GMO Detection

Test kit for quantitative event-specific real-time PCR detection of AquaAdvantage® Salmon:

Article Number	Product Name
5421230601 96 reactions	GMOIdent RT (IPC) Accelerated Growth Salmon

All the ELISA/CLIA kit protocols are optimized on fully-automated platform
ThunderBolt®

