



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 nephro-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
 - Nitrofurans 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 (AMOZ, 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

ELISA & PCR kits for testing food pathogens such as E.coli, Salmonella and Listeria Monocytogenes.

Pathogen Kits	Article Number	Pathogen Kits	Article Number
BACSpec ELISA Listeria	4323410201	BACGene Listeria Multiplex	BACGene Listeria Multiplex
BACSpec ELISA Salmonella 2	4323410301	BACGene Listeria monocytogenes	5123222001
BACGene Salmonella spp.	5123221801	BACGene Listeria spp.	5123222101
BACGene E.coli O157:H7	5123222701		

GMO Detection

Test kit for qualitative event-specific real-time PCR detection of AquAdvantage® Salmon

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



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