



New tests from Randox for seafood testing

Randox manufacture a range of sensitive, accurate and reliable ELISA tests for the screening of drug residues in seafood, offering a simple, accurate, reliable and cost effective method for the identification of positive samples.



New releases: World's first reliable tests for all four Nitrofurantol metabolites utilising multi-analyte components!

Nitrofurantol Metabolites

AHD (NF3461)
AMTZ (NF3462)
SEM (NF3463)
AOZ (NF3465)
Accessory Kit (NF3464)

Background Points

- Group of anti-bacterials widely used in treatment of fish and shrimp
- Has been found to have mutagenic and carcinogenic properties in humans

Leuco-malachite Green (LMG3466)

Background Points

- Malachite green is a toxic chemical primarily used as a dye within the textile industry.
- In diluted forms Malachite Green can be used as a Fungicide, Parasiticide and Disinfectant within aquaculture (Fish)
- It will be metabolised to Leuco-malachite green
- It is toxic to human cells with mutagenic and carcinogenic properties
- Due to ease and low-cost to manufacture, it is still widely used
- The use of malachite green in

- Banned in many countries around the world

Unique user benefits to Nitrofurantoin ELISAs

- Randox are the only company to offer a screening solution for the 4 x Nitrofurantoin metabolites (AMOZ, AOZ, AHD and SEM) on a commercial basis
- 4 separate plates will be available for purchase each specific for an analyte of the metabolite
- An accessory kit will be available for purchase that will contain the multi-analyte conjugate, multi-analyte standards and derivation agent
- One sample preparation method will be required for all four Nitrofurantoin
- Randox include derivation agent with kit (DMSO mixed with Nitrobenzaldehyde – ready to use) – Avoids the need for making up fresh material.
- A complete package kit will also be available at a later date

aquaculture has been banned in many countries across the world

Unique user benefits to Leucomalachite Green ELISA

- Assay is standardised to Leucomalachite Green but can also detect (cross react) Malachite Green and Leucocrystal Violet.
- No need for oxidation of MG to LMG
- Fewer reagents to prepare for both extraction and ELISA
- 2 year shelf life with Randox ELISA

Current Test Menu

In addition to the New ELISA available Randox have 15 years experience in the manufacture of other antibiotic testing kits that can meet the full requirements for any aquaculture testing:

Chloramphenicol (CN1469)
 Sulphamethazine (SM2146)
 Sulphaquinoxaline (SQ2145)
 Sulphadiazine (SZ2147)
 Quinolones (QL3454)

Please contact us for more details of kits on: info@groco.is



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