



User's Manual

Olaquinox ELISA Kit

REF

DEIA-XY2269



96T



RUO

This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

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PRODUCT INFORMATION

Intended Use

Olaquinox ELISA Kit is intended for the quantitative determination of Olaquinox in feed, seafood, tissue.

Reagents And Materials Provided

1. Microtiter well plate: 8 micro titer wells/strip, 12 strips/plate.
2. Olaquinox Standards: 0, 0.2, 0.4, 0.8, 1.6, 3.2 ppb, 1.5 each.
3. Extraction & Washing Diluent (10X conc.), 50 mL.
4. Conc. Buffer (10X conc.), 50 mL.
5. 100X Olaquinox Enzyme Conjugate, 0.1 mL.
6. Substrate Solution (TMB), 12 mL.
7. Stop Solution, 13 mL.

Detection Limit

The detection limit of the CD Olaquinox kit is about 0.2ppb. It means the OD value of this concentration is significantly different from the negative standard (B/B0<92%).

Sensitivity

Animals feed: 40 ppb

Tissue (Fish, Shrimp, Chicken, Pork): 0.8 ppb

Specificity

The specificity of Olaquinox ELISA was determined by analyzing the cross-reactivity of the corresponding substances.

Olaquinox 100%

(3-Methyl-quinoxaline-2-carboxylic Acid: <0.5%

2- Quinoxalinecarboxylic Acid: <0.5%

Mequinox: 69%

Quinocetone: 147%