Version 10-09/22

User's Manual

Florfenicol & Thiamphenicol ELISA Kit

REF **DEIA-XY2267**

Σ **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.

Creative Diagnostics

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PRODUCT INFORMATION

Intended Use

Florfenicol & Thiamphenicol ELISA Kit is intended for the quantitative determination of Thiamphenicol in raw milk, egg, seafood, tissue.

Reagents And Materials Provided

1. Microtiter well plate: 8 microwells/strip, 12 strips/plate.
2. Florfenicol Standards 0, 0.05, 0.1, 0.3, 1, 3 ppb, 1.5 mL each. (Ready to use)
3. 10X Concentrate Extraction/Washing Solution, 50 mL/bottle/kit.
4. Enzyme Conjugate Diluent, 50 mL/bottle/kit.
5. 100X Concentrate Enzyme Conjugate, 100 µL/bottle/kit.
6. Substrate Solution (TMB), 12 mL/bottle/kit.
7. Stop Solution, 13 mL/bottle/kit.

Detection Limit

The lowest detection limit of the CD Florfenicol & Thiamphenicol ELISA kit is 0.05 ppb. The OD value of this concentration is significantly different from the negative standard.

Sensitivity

Fish: 0.05 ppb

Shrimp: 0.05 ppb

Pork: 0.05 ppb

Chicken: 0.05 ppb

Egg: 0.15 ppb

Milk: 0.3 ppb

Specificity

The specificity of CD Florfenicol: & Thaimphenicol: ELISA kits has been determined by analyzing the cross-reactivity of the corresponding substances.

Florfenicol: 100%

Thiamphenicol: 110%

Chloramphenicol: <1%

Florfenicol amine: <1%