



## User's Manual

# Difloxacin competitive colorimetric ELISA Kit

REF

DEIA-XYZ29



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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### Creative Diagnostics

 Address: 45-1 Ramsey Road, Shirley, NY 11967, USA

 Tel: 1-631-624-4882 (USA) 44-161-818-6441 (Europe)  Fax: 1-631-938-8221

 Email: [info@creative-diagnostics.com](mailto:info@creative-diagnostics.com)  Web: [www.creative-diagnostics.com](http://www.creative-diagnostics.com)

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## PRODUCT INFORMATION

### Intended Use

This ELISA Test Kit enables the detection of difloxacin in chicken, fish, shrimp and milk. It offers a unique extraction method, which is accurate, rapid, cost effective and easy to use.

### General Description

Difloxacin is a fluoroquinolone antibiotic which works by inhibition of bacterial DNA- topoisomerase II. It has been proposed for use in the drinking water of poultry to treat bacterial disease, and in fish feed to treat diseases such as furunculosis, vibriosis and enteric redmouth.

### Storage

2-8°C

### Reconstitution And Storage

Store the kit at 2-8°C. The shelf life is 12 months when the kit is properly stored.

### Detection Range

This ELISA Test Kit has the capacity for 96 determinations or testing of 42 samples in duplicate.

### Detection Limit

Egg: 1.0 ppb; Honey: 1.0 ppb; Feed: 1.0 ppb; Fish/Shrimp: 1.0 ppb; Meat/Liver/Kidney: 1.0 ppb; Milk: 0.5 ppb; Serum: 0.5 ppb; Urine: 0.5 ppb