



## User's Manual

# Cephalosporins ELISA Kit



DEIABL-QB31



96T



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

This kit can be used in quantitative and qualitative analysis of cephalosporins in animal tissue (pork, chicken, beef, fish and shrimp) and milk.

### General Description

The cephalosporins are a class of  $\beta$ -lactam antibiotics originally derived from Acremonium, which was previously known as "Cephalosporium". Together with cephamycins they constitute a subgroup of  $\beta$ -lactam antibiotics called cepheems.

The ELISA kit is a new product based on ELISA technology, which is fast, easy, accurate and sensitive compared with common instrumental analysis and only needs 1.5h in one run, so it can considerably minimize operation error and work intensity.

### Storage

Storage condition: 2-8°C.

Storage period: 12 months

### Detection Limit

Animal tissue: 2ppb

Milk: 5ppb

### Sensitivity

0.5ppb

### Specificity

Ceftiofur: 100%

Ceftriaxone: 169%

Cefotaxime: 63%

Cefazolin: <0.1%