

Ampicillin ELISA Kit

Sample

Animal tissues, milk, honey

Species Reactivity

N/A

Intended Use

This kit can be used in quantitative and qualitative analysis of ampicillin residue in animal tissue (muscle, liver), honey and milk, etc.

Storage

Storage condition: 2-8°C.

Storage period: 12 months

Performance Characteristics

Accuracy:

Tissue..... 90±20%

Honey90±20%

Milk..... 90±20%

Precision

Variation coefficient of the ELISA kit is less than 10%.

Detection Limit

Tissue.....4ppb

Honey.....0.5ppb

Milk:

Method A.....8ppb

Method B & C.....4ppb

Sensitivity

Test Sensitivity: 0.2ppb

General Description

Ampicillin belongs to the beta-lactams family, which once played very important role in preventing and curing animal diseases. For it causes anaphylactic reaction and resistance, in EU, US and China, it is being restricted. The common

instrumental analysis of this drug is limited because of the complicated operation and high expense, while this 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 single detection, so it can considerably minimize operation error and work intensity.