

Ciprofloxacin ELISA Kit

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CATALOG #
AAA55630

PRODUCT SYNONYMS

Ciprofloxacin; Ciprofloxacin ELISA Kit; Ciprofloxacin elisa kit

PRODUCT SPECIFICATIONS

Assay Type	Quantitative Competitive
Samples	Tissue, honey, milk, milk powder, egg
Detection Range	0.1 ppb - 8.1 ppb
Sensitivity	0.1 ppb
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for Ciprofloxacin elisa kit

Principle of the Assay: This assay is based on the competitive enzyme immunoassay for the detection of CPFX in the sample. The coupling antigens are pre-coated on the micro-well stripes. The CPFX in the sample and the coupling antigens pre-coated on the micro-well stripes compete for the anti-CPFX antibodies. After the addition of the enzyme conjugate, the TMB substrate is added for coloration. The optical density (OD) value of the sample has a negative correlation with the CPFX in it. This value is compared to the standard curve and the CPFX concentration is subsequently obtained.

Intended Uses: For the quantitative detection of Ciprofloxacin (CPFX) concentration in tissue, honey, milk, milk powder, egg.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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