

Sulfathiazole ELISA Kit | ST elisa kit

Sulfathiazole (ST) ELISA Kit

CATALOG #
AAA55581

PRODUCT SYNONYMS

Sulfathiazole; Sulfathiazole (ST) ELISA Kit; ST elisa kit

PRODUCT SPECIFICATIONS

Samples	Milk, Tissues (Chicken, Shrimp, Fish, Liver, Etc) And Honey
Assay Type	Competitive
Detection Range	0.2 ppb-16.2 ppb
Sensitivity	0.2 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<5%
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<15%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ST elisa kit	Principle of the Assay: This assay is based on the competitive enzyme immunoassay for the detection of Erythromycin in the sample. The coupling antigens are pre-coated on the micro-well stripes. The Erythromycin in the sample and the coupling antigens pre-coated on the micro-well stripes compete for the enzyme conjugate anti-Erythromycin 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 Erythromycin in it. This value is compared to the standard curve and the Erythromycin concentration is subsequently obtained.
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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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Online datasheet: <https://www.aaabiotech.com/st-elisa-kits/sulfathiazole/55581>