

Gentamicin ELISA Kit | GEN elisa kit

Gentamicin (GEN) ELISA Kit

CATALOG #
AAA13219

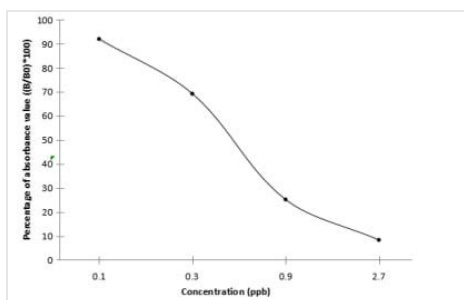
PRODUCT SYNONYMS

Gentamicin; Gentamicin (GEN) ELISA Kit; GEN elisa kit

PRODUCT SPECIFICATIONS

Assay Type	Quantitative Competitive
Samples	Tissue, liver, milk, serum
Detection Range	0.1 ppb - 2.7 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<10%
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<12%
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GEN elisa kit

Principle of the Assay: This assay is based on the competitive enzyme immunoassay for the detection of GEN in the sample. The coupling antigens are pre-coated on the micro-well stripes. The GEN in the sample and the coupling antigens pre-coated on the micro-well stripes compete for the enzyme conjugate anti-GEN 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 GEN in it. This value is compared to the standard curve and the GEN concentration is subsequently obtained.

Intended Uses: For the quantitative detection of Gentamicin (GEN) concentration in tissue, liver, milk, serum.

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.