

Nitrofurantoin ELISA Kit | AHD elisa kit

Nitrofurantoin (AHD) ELISA Kit

CATALOG #
AAA55562

PRODUCT SYNONYMS

Nitrofurantoin; Nitrofurantoin (AHD) ELISA Kit; AHD elisa kit

PRODUCT SPECIFICATIONS

Samples	Tissue, liver, honey, milk, milk powder, egg powder, intestine, feed
Assay Type	Quantitative Competitive
Detection Range	0.02 ppb - 1.62 ppb
Sensitivity	0.02 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<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for AHD elisa kit	Intended Uses: For the quantitative detection of Nitrofurantoin (AHD) concentration in tissue, liver, honey, milk, milk powder, egg powder, intestine, feed. Principle of the Assay: This assay is based on the competitive enzyme immunoassay for the detection of AHD in the sample. The coupling antigens are pre-coated on the micro-well stripes. The AHD in the sample and the coupling antigens pre-coated on the micro-well stripes compete for the anti-AHD 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 AHD in it. This value is compared to the standard curve and the AHD 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/ahd-elisa-kits/nitrofurantoin/55562>