

TNF-alpha elisa kit

Sheep TNF-alpha ELISA Kit

CATALOG #
AAA282352

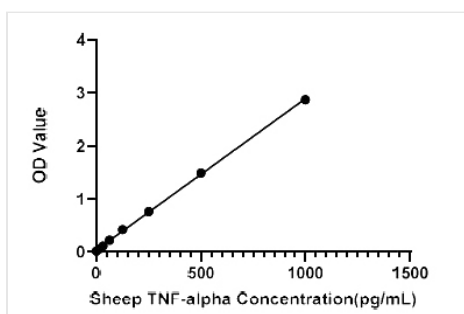
PRODUCT SYNONYMS

TNF-alpha; Sheep TNF-alpha ELISA Kit; TNF-alpha elisa kit

PRODUCT SPECIFICATIONS

Specificity	This assay recognizes both recombinant and natural sheep TNF-alpha. The factors listed below were prepared at 20ng/mL and assayed for cross-reactivity. No significant cross-reactivity was observed with the following: Recombinant human Recombinant mouse Recombinant rat TNF-alpha TNF-alpha TNF-alpha
Assay Type	Quantitative Sandwich
Detection Range	15.63-1000pg/mL
Sensitivity	< 1.82pg/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level TNF-alpha were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level TNF-alpha were tested on 3 different plates, 20 replicates in each plate. Inter-Assay: CV<15%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF-alpha elisa kit

Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNF-alpha in sheep serum, plasma, cell culture supernatants and other biological fluids.

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for sheep TNF-alpha has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNF-alpha present is bound by the immobilized antibody. After washing away any unbound substances, and then a detection antibody specific for TNF-alpha is added to the wells and binds to the combination of capture antibody TNF-alpha in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of TNF-alpha bound in the initial step. The color development is stopped and the absorbance is measured.

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://stage.aaabiotech.com/elisa-kits/tnf-alpha/282352>