

Rat Tumor necrosis factor alpha ELISA Kit | TNF-alpha elisa kit

Rat Tumor necrosis factor alpha (TNF-alpha) ELISA Kit

CATALOG # AAA13249	REACTIVITY Rat
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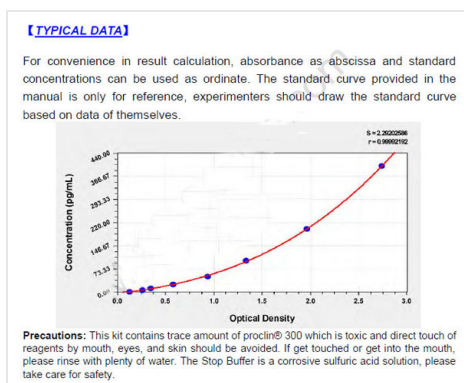
PRODUCT SYNONYMS

Tumor necrosis factor alpha; Rat Tumor necrosis factor alpha (TNF-alpha) ELISA Kit; TNF-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat TNF-alpha. No significant cross-reactivity or interference between Rat TNF-alpha and analogues was observed.
Sequence Length	312
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	6.25 pg/mL - 400 pg/mL
Sensitivity	3.1 pg/mL (mean of 6 independent assays)
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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF-alpha elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TNF-alpha in Rat serum, plasma, tissue homogenates. An antibody specific for 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 removing any unbound substances, a biotin-conjugated antibody specific for TNF-alpha is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, 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 intensity of the color is measured. Intended Uses: For the quantitative detection of Rat Tumor necrosis factor alpha (TNF-alpha) concentration in serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189409065
NCBI GeneID	100169660
NCBI Accession #	NP_001121579.1
NCBI GenBank Nucleotide #	NM_001128107.1
NCBI Official Full Name	tumor necrosis factor alpha
NCBI Official Symbol	tnfa
NCBI Protein Information	tumor necrosis factor alpha

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/tnf-alpha-rat-elisa-kits/tumor-necrosis-factor-alpha/13249>