

Rat TNF-alpha ELISA Kit | TNF-alpha elisa kit

Rat TNF-alpha Pre-Coated ELISA Kit

CATALOG #
AAA79392

REACTIVITY
Rat

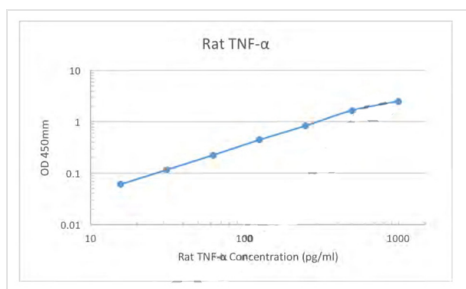
PRODUCT SYNONYMS

TNF-alpha; Rat TNF-alpha Pre-Coated ELISA Kit; TNF-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat TNF-alpha
Samples	Cell culture supernates, serum, plasma, and other biological fluids
Detection Range	15.6pg/ml-1000pg/ml
Preparation and Storage	Store the unopened product at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF-alpha elisa kit

Principle of the Assay: TNF-alpha is a pleiotropic pro-inflammatory cytokine secreted by various cells, including adipocytes, activated monocytes, macrophages, B cells, T cells and fibroblasts. It belongs to the TNF family of ligands, and signals through two receptors, TNFR1 and TNFR2. TNF-alpha is cytotoxic to a wide variety of tumor cells, and is an essential factor in mediating the immune response against bacterial infections. TNF-alpha also plays a role in the induction of septic shock, autoimmune diseases, rheumatoid arthritis, inflammation, and diabetes. The Rat TNF-alpha Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat TNF-alpha with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for Rat TNF-alpha. It contains E. coli-expressed recombinant Rat TNF-alpha. The detection antibody is a biotinylated goat polyclonal antibody specific for Rat TNF-alpha. The kit is analytically validated with ready to use reagents.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981662
NCBI GeneID	24835
NCBI Accession #	NP_036807.1

NCBI GenBank Nucleotide #	NM_012675.3
UniProt Accession #	P16599; Q6EE11; Q9JI26; Q9JI27
Molecular Weight	25,806 Da
NCBI Official Full Name	tumor necrosis factor
NCBI Official Synonym Full Names	tumor necrosis factor
NCBI Official Symbol	Tnf
NCBI Official Synonym Symbols	Tnfa; RATTNF; TNF-alpha
NCBI Protein Information	tumor necrosis factor
UniProt Protein Name	Tumor necrosis factor
UniProt Gene Name	Tnf
UniProt Synonym Gene Names	Tnfa; Tnfsf2; TNF-a; NTF; ICD1; ICD2
UniProt Entry Name	TNFA_RAT

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/rat-elisa-kits/tnf-alpha/79392>