

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

Mouse TNF-alpha ELISA Kit

CATALOG # AAA332578	REACTIVITY Mouse	APPLICATIONS ELISA
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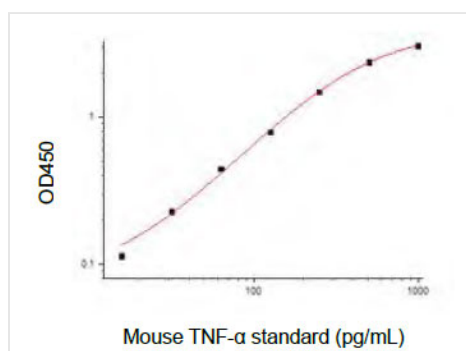
PRODUCT SYNONYMS

TNF-alpha; Mouse TNF-alpha ELISA Kit; TNF; DADB-70P7.1; DIF; TNFA; TNFSF2; APC1 protein; TNF superfamily; member 2; macrophage-derived; monocyte-derived; cachectin; tumor necrosis factor alpha; TNFSF7; TNF-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse TNF-alpha ELISA Kit has high sensitivity and excellent specificity for detection of MouseTNF-alpha. No significant cross-reactivity or interference between Mouse TNF-alpha and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	15.63 pg/mL-1,000 pg/mL
Sensitivity	8 pg/mL
Applicable Applications for TNF-alpha elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF-alpha elisa kit	Principle of the Assay: TNF-alpha is synthesized as a 26 kDa, type II transmembrane protein that is 233 amino acids in length. It contains a 30 amino acid(aa) cytoplasmic domain, a 26 aa transmembrane segment, and a 177 aa extracellular region. TNF-alpha is assembled intracellularly to form a transmembrane, non-covalently-linked homotrimeric protein. Mouse TNF-alpha ELISA Kit employs a double antibody sandwich method to quantitate Mouse TNF-alpha in samples. An antibody specific for Mouse TNF-alpha has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Mouse TNF-alpha present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Mouse TNF-alpha is added to the wells. After washing, proprietary Streptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450nm wavelength. The TNF-alpha concentration is proportional to the OD450 nm value.
Product Categories/Family for TNF-alpha elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	518831589
NCBI GeneID	21926
NCBI Accession #	NP_001265530.1
NCBI GenBank Nucleotide #	NM_001278601.1
UniProt Accession #	P06804; O35853; Q62326; Q91VF3
Molecular Weight	25,896 Da
NCBI Official Full Name	tumor necrosis factor isoform 2
NCBI Official Synonym Full Names	tumor necrosis factor
NCBI Official Symbol	Tnf
NCBI Official Synonym Symbols	DIF; Tnfa; TNF-a; TNFSF2; Tnlg1f; Tnfsf1a; TNFalpha; 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_MOUSE

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.