

Mouse TNF-alpha (Tumor NecrosisFactor Alpha) ELISA Kit | TNF-alpha elisa kit

Mouse TNF-alpha (Tumor NecrosisFactor Alpha) ELISA Kit

CATALOG #
AAA22239

REACTIVITY
Mouse

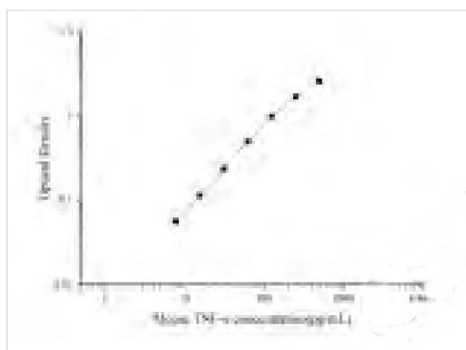
PRODUCT SYNONYMS

TNF-alpha (Tumor NecrosisFactor Alpha); Mouse TNF-alpha (Tumor NecrosisFactor Alpha) ELISA Kit; DIF; TNF-alpha; TNFA; TNFSF2; TNF; TNFa; TNF-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse TNF-alpha in samples. No significant cross-reactivity or interference between Mouse TNF-alpha and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	7.81-500 pg/mL
Sensitivity	4.69 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid-range and high-level Mouse TNF-alpha were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid-range and high-level Mouse TNF-alpha were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the *following conditions (manual) once the kit is received.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF-alpha elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse TNF-alpha. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse TNF-alpha and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse TNF-alpha, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse TNF-alpha. You can calculate the concentration of Mouse TNF-alpha in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse TNF-alpha concentrations in serum, plasma and other biological fluids.
---	---

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.