

Mouse TNFR2 ELISA Kit | TNFRSF1B elisa kit

Mouse TNFR2 PicoKine ELISA Kit

CATALOG #
AAA45866

REACTIVITY
Mouse

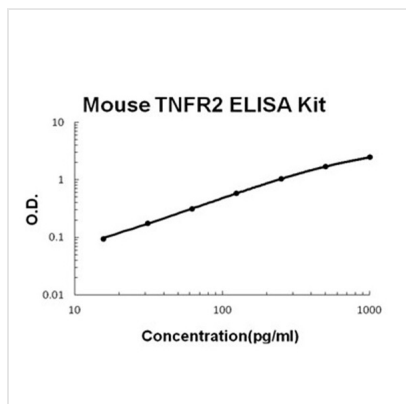
PRODUCT SYNONYMS

TNFR2; Mouse TNFR2 PicoKine ELISA Kit; Tumor necrosis factor receptor superfamily member 1B; tumor necrosis factor receptor superfamily; member 1B; CD120b; Etanercept; INN=Etanercept; p75; p80 TNF alpha receptor; TNF R2; TNFBR; TNFR-II; TNFRII; Tumor necrosis factor binding protein 2; Tumor necrosis factor receptor 2; Tumor necrosis factor receptor type II; TNFRSF1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse TNFR2
Sequence Length	474
Samples	Cell culture supernates and serum
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	< 1pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse TNFR2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TNFRSF1B elisa kit	Principle of the assay: mouse TNFR2 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for TNFR2 has been precoated onto 96-well plates. Standards(NSO, V23-G258) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for TNFR2 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse TNFR2 amount of sample captured in plate. Background: Tumor necrosis factor receptor 2 (TNFR2) is one of receptors of TNF. TNF has proinflammatory and immunosuppressive properties that may segregate at the level of the 2 TNF receptors (TNFRs), TNFR1 and TNFR2. The genes for TNFR1, a 55-kDa protein, and TNFR2, a 70-kDa protein, have been mapped to human chromosomes 12 (12pter-cen) and 1 (1pter-p32), respectively. TNFR2 was induced on glomerular endothelial cells of nephritic kidneys, and TNFR2 expression on intrinsic cells, but not leukocytes, was essential for glomerulonephritis and glomerular complement deposition. TNFR1 promotes systemic immune responses and renal T cell death, while intrinsic cell TNFR2 plays a critical role in complement-dependent tissue injury. Therefore, therapeutic blockade specifically of TNFR2 may be a promising strategy in the treatment of immune-mediated glomerulonephritis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	135963
NCBI GeneID	21938
UniProt Accession #	P25119; O88734; P97893
Molecular Weight	50,320 Da
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 1B
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 1b
NCBI Official Symbol	Tnfrsf1b
NCBI Official Synonym Symbols	p75; TNFBR; Tnfr2; CD120b; TNF-R2; TNFR80; TNFRII; Tnfr-1; TNF-R75; TNF-R-II; TNF-alphaR2; TNFalpha-R2
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1B; TNF-RII; TNFR-II; p75 TNFR; p80 TNF-alpha receptor; TNF receptor beta chain; tumor necrosis factor receptor 2; tumor necrosis factor receptor type II
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1B
UniProt Gene Name	Tnfrsf1b
UniProt Synonym Gene Names	Tnfr-2; Tnfr2; TNF-R2; TNF-RII; TNFR-II
UniProt Entry Name	TNR1B_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.

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Online datasheet: <https://stage.aaabiotech.com/tnfrsf1b-mouse-elisa-kits/tnfr2/45866>