

Rat Tumor necrosis factor receptor superfamily member 1B ELISA Kit | Tnfrsf1b elisa kit

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CATALOG #
AAA99520

REACTIVITY
Rat

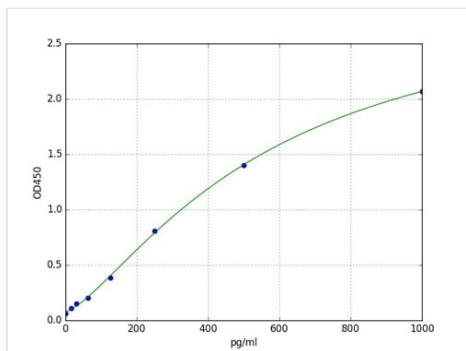
PRODUCT SYNONYMS

Tumor necrosis factor receptor superfamily member 1B; Rat Tumor necrosis factor receptor superfamily member 1B ELISA Kit; Tnfrsf1b/sTNF RII/TNFRSF1B/TNF-RII/TNF-R-II/TNFR-II/CD120b/TNFRSF1B/CD120b/CD120b antigen/Etanercept/p75 TNF receptor/p75TBP/II/p75TNFR/soluble TNFR1B variant 1/TNFRp80 TNF-alpha receptor/TNF-R2/TNFR2TNFR1B/TNF-R75/TNFR80; Tnfrsf1b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	461
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Rat Tnfrsf1b ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.067	0.110	0.145	0.195	0.388	0.838	1.373	2.307

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tnfrsf1b elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Tnfrsf1b antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Tnfrsf1b antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 Rat Tnfrsf1b amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Tnfrsf1b can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507577
NCBI GeneID	7133
NCBI Accession #	NP_001057.1
NCBI GenBank Nucleotide #	NM_001066.2
Molecular Weight	28,461 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; TBPII; TNFBR; TNFR2; CD120b; TNFR1B; TNFR80; TNF-R75; p75TNFR; TNF-R-II
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1B
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1B
UniProt Gene Name	TNFRSF1B
UniProt Synonym Gene Names	TNFBR; TNFR2; TNF-R2; TNF-RII; TNFR-II
UniProt Entry Name	TNR1B_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tnfrsf1b-rat-elisa-kits/tumor-necrosis-factor-receptor-superfamily-member-1b/99520>