

Mouse Tumor Necrosis Factor Receptor Superfamily Member 10B (TNFRSF10B) ELISA Kit | TNFRSF10B elisa kit

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CATALOG # AAA332144	REACTIVITY Mouse
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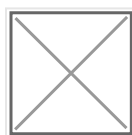
PRODUCT SYNONYMS

Tumor Necrosis Factor Receptor Superfamily Member 10B (TNFRSF10B); Mouse Tumor Necrosis Factor Receptor Superfamily Member 10B (TNFRSF10B) ELISA Kit; TNFRSF10B; CD262; DR5; KILLER; KILLER/DR5; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB; ZTNFR9; Fas-like protein; TNF-related apoptosis-inducing ligand receptor 2; apoptosis inducing protein TRICK2A/2B; a; TNFRSF10B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tumor necrosis factor receptor superfamily member 10B (TNFRSF10B) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TNFRSF10B. No significant cross-reactivity or interference between Mouse TNFRSF10B and analogues was observed.
Sequence Length	381
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Tumor necrosis factor receptor superfamily member 10B (TNFRSF10B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNFRSF10B elisa kit	Description: This Mouse Tumor necrosis factor receptor superfamily member 10B (TNFRSF10B) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFRSF10B in samples. An antibody specific for TNFRSF10B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFRSF10B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF10B is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNFRSF10B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TRAIL is a member of the tumor necrosis factor (TNF) family of cytokines and induces apoptosis in a wide variety of cells. Using a combination of PCR and library screening, the authors isolated cDNAs corresponding to the TRAILR2 coding region. The predicted 440-amino acid protein contains a putative signal peptide, 2 cysteine-rich pseudorepeats characteristic of TNF receptor (TNFR) family members, a transmembrane domain, and an intracellular death domain. The death domain of TRAILR2 shares 30% identity with that of TNFR1. Overall, the TRAIL receptors TRAILR2 and TRAILR1 (DR4) are 58% identical. Northern blot analysis indicated that TRAILR2 was expressed as a 4.4-kb mRNA in all tissues tested, with the highest levels of expression in peripheral blood lymphocytes, spleen, and ovary.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31981095
NCBI GeneID	21933
NCBI Accession #	NP_064671.2
NCBI GenBank Nucleotide #	NP_064671.2
UniProt Accession #	Q9QZM4
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 10B
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 10b
NCBI Official Symbol	Tnfrsf10b
NCBI Official Synonym Symbols	MK; DR5; Ly98; KILLER; TRICKB; TRAILR2; TRICK2A; TRICK2B
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10B
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10B
UniProt Gene Name	Tnfrsf10b
UniProt Synonym Gene Names	Dr5; Killer
UniProt Entry Name	TR10B_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/mouse-elisa-kits/tumor-necrosis-factor-receptor-superfamily-member-10b-tnfrsf10b/332144>