

Mouse Soluble Tumor Necrosis Factor-Related Apoptosis Inducing Ligand (sTRAIL) ELISA Kit | sTRAIL elisa kit

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CATALOG #
AAA332132

REACTIVITY
Mouse

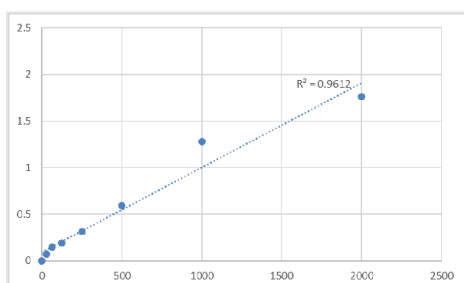
PRODUCT SYNONYMS

Soluble Tumor Necrosis Factor-Related Apoptosis Inducing Ligand (sTRAIL); Mouse Soluble Tumor Necrosis Factor-Related Apoptosis Inducing Ligand (sTRAIL) ELISA Kit; TNFSF10; APO2L; Apo-2L; CD253; TL2; TRAIL; Apo-2 ligand; TNF-related apoptosis inducing ligand TRAIL; tumor necrosis factor (ligand) family; member 10; tumor necrosis factor apoptosis-inducing ligand splice var; sTRAIL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Soluble tumor necrosis factor-related apoptosis inducing ligand (sTRAIL) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TNFSF10. No significant cross-reactivity or interference between Mouse TNFSF10 and analogues was observed.
Sequence Length	291
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 Soluble tumor necrosis factor-related apoptosis inducing ligand (sTRAIL) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for sTRAIL elisa kit	Description: This Mouse Soluble tumor necrosis factor-related apoptosis inducing ligand (sTRAIL) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFSF10 in samples. An antibody specific for TNFSF10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFSF10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFSF10 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 TNFSF10 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: This protein is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678431
NCBI GeneID	22035
NCBI Accession #	NP_033451.1
NCBI GenBank Nucleotide #	NP_033451.1
UniProt Accession #	P50592
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 10
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 10
NCBI Official Symbol	Tnfsf10
NCBI Official Synonym Symbols	TL2; Ly81; Trail; APO-2L; Tnlg6a; AI448571; A330042I21Rik
NCBI Protein Information	tumor necrosis factor ligand superfamily member 10
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 10
UniProt Gene Name	Tnfsf10
UniProt Synonym Gene Names	Trail; Protein TRAIL
UniProt Entry Name	TNF10_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.