

Mouse Tumor Necrosis Factor Ligand Superfamily Member 9 (TNFSF9) ELISA Kit | TNFSF9 elisa kit

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CATALOG # AAA332126	REACTIVITY Mouse
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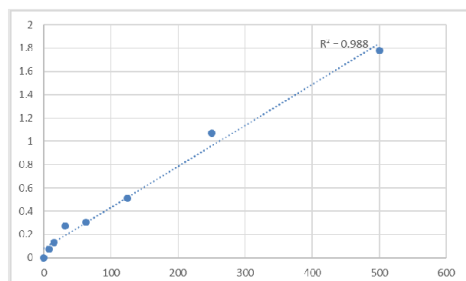
PRODUCT SYNONYMS

Tumor Necrosis Factor Ligand Superfamily Member 9 (TNFSF9); Mouse Tumor Necrosis Factor Ligand Superfamily Member 9 (TNFSF9) ELISA Kit; TNFSF9; 4-1BB-L; CD137L; homolog of mouse 4-1BB-L; receptor 4-1BB ligand; TNFSF9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tumor necrosis factor ligand superfamily member 9 (TNFSF9) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TNFSF9. No significant cross-reactivity or interference between Mouse TNFSF9 and analogues was observed.
Sequence Length	309
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 ligand superfamily member 9 (TNFSF9) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNFSF9 elisa kit	Description: This Mouse Tumor necrosis factor ligand superfamily member 9 (TNFSF9) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFSF9 in samples. An antibody specific for TNFSF9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFSF9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFSF9 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 TNFSF9 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TNFSF9 is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This transmembrane cytokine is a bidirectional signal transducer that acts as a ligand for TNFRSF9/4-1BB, which is a costimulatory receptor molecule in T lymphocytes. This cytokine and its receptor are involved in the antigen presentation process and in the generation of cytotoxic T cells. The receptor TNFRSF9/4-1BB is absent from resting T lymphocytes but rapidly expressed upon antigenic stimulation. The ligand encoded by this gene, TNFSF9/4-1BBL, has been shown to reactivate anergic T lymphocytes in addition to promoting T lymphocyte proliferation. This cytokine has also been shown to be required for the optimal CD8 responses in CD8 T cells. This cytokine is expressed in carcinoma cell lines, and is thought to be involved in T cell-tumor cell interaction.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678389
NCBI GeneID	21950
NCBI Accession #	NP_033430.1
NCBI GenBank Nucleotide #	NP_033430.1
UniProt Accession #	P41274
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 9
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 9
NCBI Official Symbol	Tnfsf9
NCBI Official Synonym Symbols	Ly63l; 4-1BBL; Cd137l; 4-1BB-L; AI848817
NCBI Protein Information	tumor necrosis factor ligand superfamily member 9
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 9
UniProt Gene Name	Tnfsf9
UniProt Synonym Gene Names	Cd137l; Cd157l; Ly63l; 4-1BBL
UniProt Entry Name	TNFL9_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.