

Mouse Tumor Necrosis Factor Ligand Superfamily Member 12 (TNFSF12) ELISA Kit | TNFSF12 elisa kit

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CATALOG #
AAA332130

REACTIVITY
Mouse

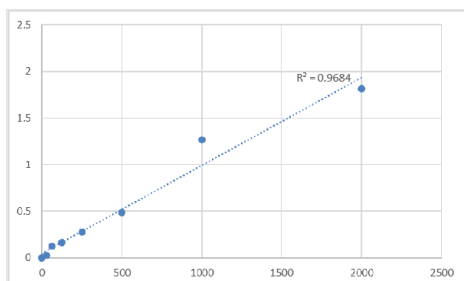
PRODUCT SYNONYMS

Tumor Necrosis Factor Ligand Superfamily Member 12 (TNFSF12); Mouse Tumor Necrosis Factor Ligand Superfamily Member 12 (TNFSF12) ELISA Kit; TNFSF12; APO3L; DR3LG; MGC129581; MGC20669; TWEAK; APO3/DR3 ligand; TNF-related WEAK inducer of apoptosis; TNFSF12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tumor necrosis factor ligand superfamily member 12 (TNFSF12) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TNFSF12. No significant cross-reactivity or interference between Mouse TNFSF12 and analogues was observed.
Sequence Length	249
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 12 (TNFSF12) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNFSF12 elisa kit	Description: This Mouse Tumor necrosis factor ligand superfamily member 12 (TNFSF12) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFSF12 in samples. An antibody specific for TNFSF12 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFSF12 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFSF12 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 TNFSF12 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Tumor necrosis factor ligand superfamily member 12 is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. The deduced in-frame fusion protein, which the authors called TWEPRIL, has a calculated molecular mass of 38 kD. TWEPRIL begins at the initiation codon of TWEAK and contains the intracellular, transmembrane, and stalk regions of TWEAK fused to the extracellular receptor-binding domain of APRIL.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47606773
NCBI GeneID	21944
UniProt Accession #	O54907
NCBI Official Full Name	Tumor necrosis factor ligand superfamily member 12
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 12
NCBI Official Symbol	Tnfsf12
NCBI Official Synonym Symbols	Dr3l; Apo3l; Dr3lg; Tweak
NCBI Protein Information	tumor necrosis factor ligand superfamily member 12
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 12
UniProt Gene Name	Tnfsf12
UniProt Synonym Gene Names	TWEAK
UniProt Entry Name	TNF12_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-ligand-superfamily-member-12-tnfsf12/332130>