

Rat Tumor Necrosis Factor Ligand Superfamily Member 15 (TNFSF15) ELISA Kit | TNFSF15 elisa kit

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CATALOG # AAA330198	REACTIVITY Rat
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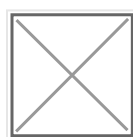
PRODUCT SYNONYMS

Tumor Necrosis Factor Ligand Superfamily Member 15 (TNFSF15); Rat Tumor Necrosis Factor Ligand Superfamily Member 15 (TNFSF15) ELISA Kit; TNFSF15; MGC129934; MGC129935; TL1; TL1A; VEGI; VEGI192A; TNF ligand-related molecule 1; TNF superfamily ligand TL1A; vascular endothelial cell growth inhibitor; vascular endothelial growth inhibitor-192A; TNFSF15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Rat Tumor necrosis factor ligand superfamily member 15 (TNFSF15) ELISA Kit has high sensitivity and excellent specificity for detection of Rat TNFSF15. No significant cross-reactivity or interference between Rat TNFSF15 and analogues was observed.
Sequence Length	252
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. Rat Tumor necrosis factor ligand superfamily member 15 (TNFSF15) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNFSF15 elisa kit	Description: This Rat Tumor necrosis factor ligand superfamily member 15 (TNFSF15) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFSF15 in samples. An antibody specific for TNFSF15 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFSF15 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFSF15 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 TNFSF15 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: VEGI is an anti-angiogenic protein. It belongs to tumor necrosis factor (ligand) superfamily, where it is member 15. The protein is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It can activate NF-kappaB and MAP kinases, and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor. An additional isoform encoded by an alternatively spliced transcript variant has been reported but the sequence of this transcript has not been determined.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21955249
NCBI GeneID	252878
NCBI Accession #	NP_665708.1
NCBI GenBank Nucleotide #	NP_665708.1
UniProt Accession #	Q8K3Y7
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 15
NCBI Official Synonym Full Names	TNF superfamily member 15
NCBI Official Symbol	Tnfsf15
NCBI Official Synonym Symbols	Tnlg1b
NCBI Protein Information	tumor necrosis factor ligand superfamily member 15
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 15
UniProt Gene Name	Tnfsf15
UniProt Synonym Gene Names	TL1; Vegi
UniProt Entry Name	TNF15_RAT

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.