

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

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CATALOG # AAA186433	REACTIVITY Human
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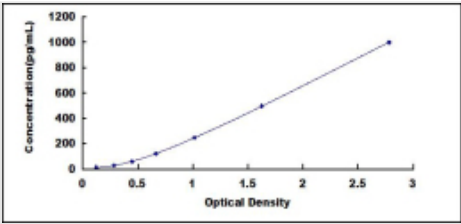
PRODUCT SYNONYMS

Tumor Necrosis Factor Ligand Superfamily; Member 12 (TNFSF12); Human Tumor Necrosis Factor Ligand Superfamily; Member 12 (TNFSF12) ELISA Kit; APO3L; DR3LG; TWEAK; APO3 ligand; TNF-related weak inducer of apoptosis; TNFSF12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Tumor Necrosis Factor Ligand Superfamily, Member 12 (TNFSF12). No significant cross-reactivity or interference between Tumor Necrosis Factor Ligand Superfamily, Member 12 (TNFSF12) and analogues was observed.
Sequence Length	330
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates and Other Biological Fluids
Detection Range	15.62-1000pg/mL
Sensitivity	< 6.4pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Tumor Necrosis Factor Ligand Superfamily, Member 12 (TNFSF12) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Tumor Necrosis Factor Ligand Superfamily, Member 12 (TNFSF12) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFSF12 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Tumor Necrosis Factor Ligand Superfamily, Member 12 (TNFSF12). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Tumor Necrosis Factor Ligand Superfamily, Member 12 (TNFSF12). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Tumor Necrosis Factor Ligand Superfamily, Member 12 (TNFSF12), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Tumor Necrosis Factor Ligand Superfamily, Member 12 (TNFSF12) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507597
NCBI GeneID	8742
NCBI Accession #	NP_003800.1
NCBI GenBank Nucleotide #	NM_003809.2
UniProt Accession #	O43508; Q8IZK7; Q8WUZ7
Molecular Weight	36,589 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 12 proprotein
NCBI Official Synonym Full Names	TNF superfamily member 12
NCBI Official Symbol	TNFSF12
NCBI Official Synonym Symbols	APO3L; DR3LG; TWEAK; TNLG4A
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	APO3L; DR3LG; TWEAK

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.