

Human TNFRSF25/DR3 ELISA Kit | TNFRSF25 elisa kit

Human TNFRSF25/DR3 PicoKine ELISA Kit

CATALOG #
AAA46802

REACTIVITY
Human

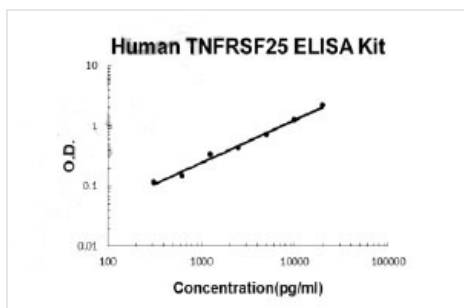
PRODUCT SYNONYMS

TNFRSF25/DR3; Human TNFRSF25/DR3 PicoKine ELISA Kit; Apo3; Apo-3; Apo 3; DDR3; DDR 3; DR 3; LARD; TNFRSF 12; TNFRSF12; TNFRSF 25; TNFRSF25; TR 3; TR3; TRAMP; WSL 1; WSL1; WSLLR; WSL LR; Q93038; Tumor necrosis factor receptor superfamily member 25; TNF receptor superfamily member 25; TNFRSF25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human TNFRSF12A
Sequence Length	181
Samples	Cell Culture Supernates, Serum And Plasma (Heparin, Edta, Citrate)
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFRSF25 elisa kit	Principle of the Assay: The Picokine Human TNFRSF12A Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human TNFRSF12A with a 96-well strip plate that is pre-coated with antibody specific for TNFRSF12A. The detection antibody is a biotinylated antibody specific for TNFRSF12A. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Human TNFRSF12A with immunogen: Expression system for standard: E.coli, Immunogen sequence: E28-P80. The kit is analytically validated with ready to use reagents. To measure Human TNFRSF12A, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human TNFRSF12A in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human TNFRSF12A in the sample!! Background/Introduction: The gene for TNFRSF12A was initially recognized as a fibroblast growth factor inducible immediate early response gene Fn14 in mouse NIH 3T3 fibroblasts. This gene is mapped to 16p13.3. Human TNFRSF12A cDNA encodes a 129 amino acid residue type I transmembrane protein with a 27 aa signal peptide, a 53 aa extracellular domain, a 21 aa transmembrane domain and a 28 aa cytoplasmic domain. Human and mouse TNFRSF12A hold 82% aa sequence identity. TNFRSF12 is the tiniest member of the TNF receptor superfamily and has only one cysteine rich region in its extracellular domain. The TNFRSF12A cytoplasmic domain holds one TRAF binding motif which binds TRAFs 1, 2, and 3. TNFRSF12A binds its ligand TWEAK/TNFSF12A with high affinity to initiate a signal transduction cascade which subject to the cell type, causes different cellular responses such as cell death, cell proliferation, and angiogenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	89142745
NCBI GeneID	8718
NCBI Accession #	NP_001034753.1
NCBI GenBank Nucleotide #	NM_001039664.1
UniProt Accession #	Q93038 ; O00275 ; O00276 ; O00277 ; O00278 ; O00279 ; O00280 ; O14865 ; O14866 ; B1ALX2 ; B1ALX3 ; B7ZLL7
Molecular Weight	29,111 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 25 isoform 12
NCBI Official Synonym Full Names	TNF receptor superfamily member 25
NCBI Official Symbol	TNFRSF25
NCBI Official Synonym Symbols	DR3; TR3; DDR3; LARD; APO-3; TRAMP; WSL-1; WSL-LR; TNFRSF12
NCBI Protein Information	tumor necrosis factor receptor superfamily member 25
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 25
UniProt Gene Name	TNFRSF25
UniProt Synonym Gene Names	APO3; DDR3; DR3; TNFRSF12; WSL; WSL1; LARD

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/human-elisa-kits/tnfrsf25-dr3/46802>