

Human tumor necrosis factor (ligand) superfamily, member 12 ELISA Kit | TNFSF12 elisa kit

Human soluble tumor necrosis factor-like weak inducer of apoptosis, sTWEAK ELISA Kit

CATALOG #

AAA80886

REACTIVITY

Human

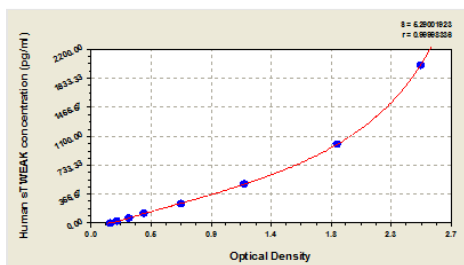
PRODUCT SYNONYMS

tumor necrosis factor (ligand) superfamily; member 12; Human soluble tumor necrosis factor-like weak inducer of apoptosis; sTWEAK ELISA Kit; Human soluble tumor necrosis factor-like weak inducer of apoptosis (sTWEAK) ELISA Kit; APO3L; DR3LG; MGC129581; MGC20669; TWEAK; APO3/DR3 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 human sTWEAK. No significant cross-reactivity or interference between human sTWEAK and analogues was observed.
Sequence Length	249
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	<7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFSF12 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for sTWEAK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sTWEAK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sTWEAK is added to the wells. After washing, avidin 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 sTWEAK bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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	27,216 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 12 proprotein
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 12
NCBI Official Symbol	TNFSF12
NCBI Official Synonym Symbols	APO3L; DR3LG; TWEAK
NCBI Protein Information	tumor necrosis factor ligand superfamily member 12; APO3 ligand; APO3/DR3 ligand; TNF-related WEAK inducer of apoptosis
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 12
UniProt Gene Name	TNFSF12
UniProt Synonym Gene Names	APO3L; DR3LG; UNQ181/PRO207; TWEAK
UniProt Entry Name	TNF12_HUMAN

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/tnfsf12-human-elisa-kits/tumor-necrosis-factor-ligand-superfamily-member-12/80886>