

Human TWEAK ELISA Kit | TWEAK elisa kit

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CATALOG #
AAA281373

REACTIVITY
Human

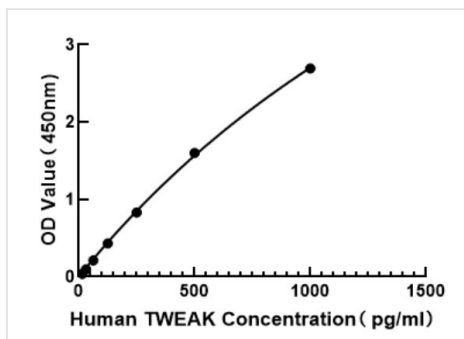
PRODUCT SYNONYMS

TWEAK; Human TWEAK ELISA Kit; TWEAK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes both recombinant and natural human TWEAK. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity. No significant cross-reactivity was observed with the following. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between TWEAK and all the analogues, therefore, cross reaction may still exist.
Sequence Length	249
Assay Type	Quantitative Sandwich
Sensitivity	< 7.8pg/mL
Intra-assay Precision	Intra-plate Precision The three samples with known concentrations were repeated 20 times on the same board to calculate the coefficient of variation (CV) for the concentrations. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision The coefficient of variation (CV) of three known concentrations was calculated by 20 tests of two kits on each of the three samples. Inter-Assay: CV<15%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TWEAK elisa kit	Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TWEAK in human serum, plasma, cell culture supernatants and other biological fluids. Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for human TWEAK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TWEAK present is bound by the immobilized antibody. After washing away any unbound substances, a biotin-conjugated detection antibody specific for human TWEAK is added to the wells. After incubating, an enzyme-linked streptavidin is added and binds to biotin. Following a wash to remove any unbound antibody-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TWEAK bound in the initial step. The color development is stopped, and the absorbance 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_003809.3
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tweak/281373>