

## Human TWEAK ELISA Kit | TWEAK elisa kit

Human TWEAK ELISA Kit

CATALOG #  
**AAA281373**

REACTIVITY  
**Human**

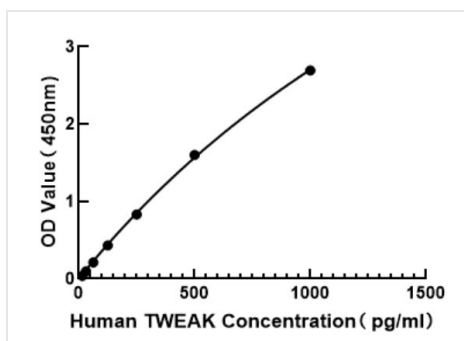
### PRODUCT SYNONYMS

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 | <p>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.</p> <p>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.</p> |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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://www.aaabiotech.com/human-elisa-kits/tweak/281373>