

## Human TNFSF4/OX40L ELISA Kit | TNFSF4 elisa kit

Human TNFSF4/OX40L PicoKine ELISA Kit

CATALOG #  
**AAA45942**

REACTIVITY  
**Human**

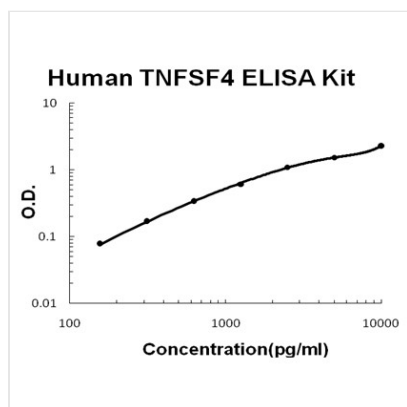
### PRODUCT SYNONYMS

TNFSF4/OX40L; Human TNFSF4/OX40L PicoKine ELISA Kit; Tumor necrosis factor ligand superfamily member 4; tumor necrosis factor (ligand) superfamily member 4; CD 134L; CD 252; CD134; CD134 ligand; CD134L; CD252; CD252 antigen; glycoprotein 34 kd; Glycoprotein Gp34; GP34; OX-40L; OX40 antigen ligand; OX40 ligand; OX40L; TAX transcriptionally-activated glycoprotein 1; TNFL4\_HUMAN; Tnfsf4; Tumor necrosis factor (ligand) superfamily member 4; TXGP1; TNFSF4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                 |
| Specificity             | Natural and recombinant human TNFSF4                                                                                                                  |
| Sequence Length         | 183                                                                                                                                                   |
| Samples                 | Cell culture supernates, serum and plasma (heparin, EDTA)                                                                                             |
| Assay Type              | Sandwich                                                                                                                                              |
| Detection Range         | 156pg/ml-10,000pg/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 between 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 (Shipped with wet ice.)                            |

### IMAGES



Standard Curve (Sample)

Human TNFSF4/OX40L PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Related Product Information for TNFSF4 elisa kit | <p><b>Principle of the assay:</b> human TNFSF4 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for TNFSF4 has been precoated onto 96-well plates. Standards(NSO, Q51-L183) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for TNFSF4 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human TNFSF4 amount of sample captured in plate.</p> <p><b>Background:</b> OX40L is the ligand for CD134 and is expressed on such cells as DC2s enabling amplification of Th2 cell differentiation. OX40L has also been designated CD252. By analysis of an interspecific backcross, the mouse Tnfsf4 gene is mapped to chromosome 1. Using fluorescence in situ hybridization, they localized the human TNFSF4 gene to 1q25, a region sharing homology of synteny with the portion of mouse chromosome 1 containing the Tnfsf4 gene. OX40L strongly inhibited the generation of IL-10-producing Tr1 cells induced by two physiologic stimuli, the inducible costimulatory ligand and immature dendritic cells. In addition, OX40L strongly inhibited IL-10 production and suppressive function of differentiated IL-10-producing Tr1 cells. Tnfsf4 underlies Ath1 in mice and that polymorphisms in its human homolog TNFSF4 increase the risk of myocardial infarction in humans.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 121540                                                                                                                                                         |
| NCBI GeneID                      | 7292                                                                                                                                                           |
| UniProt Accession #              | P23510; Q5JZA5; Q8IV74; Q9HCN9                                                                                                                                 |
| Molecular Weight                 | 15,427 Da                                                                                                                                                      |
| NCBI Official Full Name          | Tumor necrosis factor ligand superfamily member 4                                                                                                              |
| NCBI Official Synonym Full Names | tumor necrosis factor (ligand) superfamily, member 4                                                                                                           |
| NCBI Official Symbol             | TNFSF4                                                                                                                                                         |
| NCBI Official Synonym Symbols    | GP34; CD252; OX40L; TXGP1; CD134L; OX-40L                                                                                                                      |
| NCBI Protein Information         | tumor necrosis factor ligand superfamily member 4; CD134 ligand; glycoprotein Gp34; OX40 antigen ligand; tax-transcriptionally activated glycoprotein 1 (34kD) |
| UniProt Protein Name             | Tumor necrosis factor ligand superfamily member 4                                                                                                              |
| UniProt Gene Name                | TNFSF4                                                                                                                                                         |
| UniProt Synonym Gene Names       | TXGP1; OX40L                                                                                                                                                   |
| UniProt Entry Name               | TNFL4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tnfsf4-ox40l/45942>