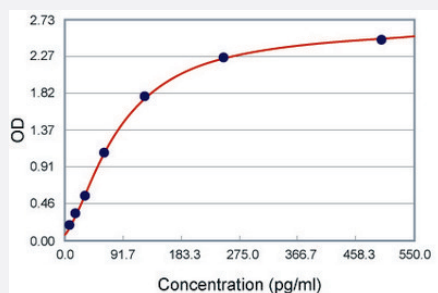


# TNFRSF1B (Human) ELISA Kit

Catalog # KA0424      Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

|                                |                                                                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | TNFRSF1B (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human TNFRSF1B.                                                                                   |
| <b>Suitable Sample</b>         | Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate                                                                                                                                |
| <b>Sample Volume</b>           | 100 $\mu$ L                                                                                                                                                                                       |
| <b>Label</b>                   | HRP-conjugated                                                                                                                                                                                    |
| <b>Detection Method</b>        | Colorimetric                                                                                                                                                                                      |
| <b>Assay Type</b>              | Quantitative                                                                                                                                                                                      |
| <b>Calibration Range</b>       | 7.8 to 500 pg/mL                                                                                                                                                                                  |
| <b>Reactivity</b>              | Human                                                                                                                                                                                             |
| <b>Regulation Status</b>       | For research use only (RUO)                                                                                                                                                                       |
| <b>Quality Control Testing</b> | Standard curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed. |
| <b>Storage Instruction</b>     | Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.                                                                                                             |

## Applications

- Quantification

## Gene Info — TNFRSF1B

**Entrez GeneID** [7133](#)

**Gene Name** TNFRSF1B

**Gene Alias** CD120b, TBPII, TNF-R-II, TNF-R75, TNFBR, TNFR1B, TNFR2, TNFR80, p75, p75TNFR

**Gene Description** tumor necrosis factor receptor superfamily, member 1B

**Omim ID** [191191](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins , c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways. [provided by RefSeq]

**Other Designations** OTTHUMP00000001784|p75 TNF receptor|soluble TNFR1B variant 1|tumor necrosis factor beta receptor|tumor necrosis factor binding protein 2|tumor necrosis factor receptor 2

## Publication Reference

- [Human tumor necrosis factor receptor p75/80 \(CD120b\) gene structure and promoter characterization.](#)

Santee SM, Owen-Schaub LB.

The Journal of Biological Chemistry 1996 Aug; 271(35):21151.

- [Physical mapping and genomic structure of the human TNFR2 gene.](#)

Beltinger CP, White PS, Maris JM, Sulman EP, Jensen SJ, LePaslier D, Stallard BJ, Goeddel DV, de Sauvage FJ, Brodeur GM.

Genomics 1996 Jul; 35(1):94.

## Pathway

- [Adipocytokine signaling pathway](#)
- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Cytokine-cytokine receptor interaction](#)

## Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adrenal hyperplasia](#)
- [Aggressive Periodontitis](#)
- [Albuminuria](#)
- [Alveolar Bone Loss](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Arthritis](#)
- [Aspergillosis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Bacteremia](#)
- [Behcet Syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Carcinoma](#)

- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Chronic Periodontitis](#)
- [Colitis](#)
- [Community-Acquired Infections](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Crohn Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Fractures](#)
- [Genetic Diseases](#)

- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hematologic Diseases](#)
- [Hematologic Neoplasms](#)
- [Hepatitis](#)
- [HTLV-I Infections](#)
- [Hyperandrogenism](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Ileitis](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Keloid](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Leukemia-Lymphoma](#)
- [Lichen Planus](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)

- [Measles](#)
- [Metabolic Syndrome X](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Mumps](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Narcolepsy](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Pain](#)
- [Paraparesis](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Pocket](#)
- [Periodontitis](#)
- [Pneumoconiosis](#)
- [Pneumonia](#)

- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Proteinuria](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Pulmonary Disease](#)
- [Pulmonary Embolism](#)
- [Pulmonary Emphysema](#)
- [Pulmonary Fibrosis](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Rectal Fistula](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rheumatic Diseases](#)
- [Rubella](#)
- [Schizophrenia](#)
- [Scleroderma](#)
- [Sepsis](#)
- [Shock](#)
- [Silicosis](#)
- [Skin Diseases](#)
- [Spondylitis](#)

- [Stomach Neoplasms](#)
- [Stroke](#)
- [Thyroiditis](#)
- [Tuberculosis](#)
- [Uveitis](#)
- [Vasculitis](#)
- [Venous Thrombosis](#)
- [Weight Gain](#)