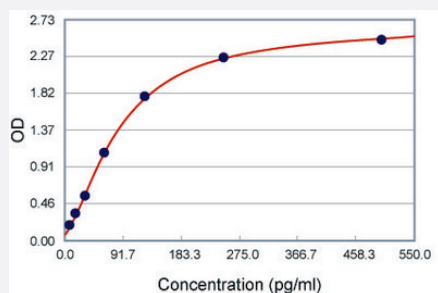


TNFRSF1B (Human) ELISA Kit

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

Product Description	TNFRSF1B (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human TNFRSF1B.
Suitable Sample	Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	7.8 to 500 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve 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.
Storage Instruction	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](#)