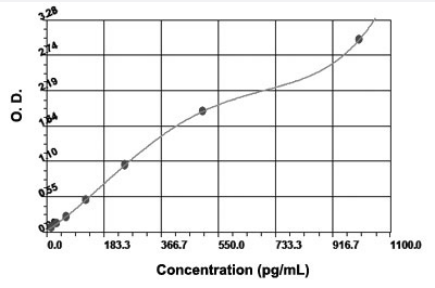
TNFRSF1A (Human) ELISA Kit

Catalog # KA1254 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	TNFRSF1A (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human TNFRSF1A.
Suitable Sample	Body Fluid, Cell Culture Supernatant, Serum, Tissue Lysate
Sample Volume	100 uL
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.

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Applications

- Quantification

Gene Info — TNFRSF1A

Entrez GeneID	7132
Gene Name	TNFRSF1A
Gene Alias	CD120a, FPF, MGC19588, TBP1, TNF-R, TNF-R-I, TNF-R55, TNFAR, TNFR1, TNFR55, TNFR60, p55, p55-R, p60
Gene Description	tumor necrosis factor receptor superfamily, member 1A
Omim ID	142680 191190
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is one of the major receptors for the tumor necrosis factor-alpha. This receptor can activate NF-kappa B, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with this receptor, and thus play regulatory roles in the signal transduction mediated by the receptor. Germline mutations of the extracellular domains of this receptor were found to be associated with the autosomal dominant periodic fever syndrome. The impaired receptor clearance is thought to be a mechanism of the disease. [provided by RefSeq
Other Designations	tumor necrosis factor binding protein 1|tumor necrosis factor receptor 1|tumor necrosis factor receptor type 1|tumor necrosis factor-alpha receptor

Pathway

- Adipocytokine signaling pathway
- Amyotrophic lateral sclerosis (ALS)
- Apoptosis
- Cytokine-cytokine receptor interaction
- MAPK signaling pathway

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Disease

- Abortion
- Acquired Immunodeficiency Syndrome
- Acute Disease
- Adenocarcinoma
- Aggressive Periodontitis
- Alveolar Bone Loss
- Alzheimer disease
- Amphetamine-Related Disorders
- Amyloidosis
- Anemia
- Arteriosclerosis
- Arthritis
- Aspergillosis
- Asthma
- Atherosclerosis
- Autoimmune Diseases
- Behcet Syndrome
- Brain Infarction
- Breast Neoplasms
- Bronchiolitis
- Calcinosis
- Carcinoma
- Cardiovascular Diseases

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- Chorioamnionitis
- Chronic Disease
- Chronic Periodontitis
- Colitis
- Connective Tissue Diseases
- Constriction
- Coronary Artery Disease
- Crohn Disease
- Cystic fibrosis
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Diarrhea
- Disease Models
- Disease Progression
- Disease Susceptibility
- Ductus Arteriosus
- Edema
- Endometriosis
- Esophageal Neoplasms
- Esophagitis
- Familial Mediterranean fever
- Fetal Diseases
- Fetal Membranes
- Genetic Predisposition to Disease

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- Glaucoma
- Graft vs Host Disease
- Heart Defects
- Hematologic Diseases
- Hepatitis
- Hepatitis C
- HIV Seropositivity
- HTLV-I Infections
- Hypercholesterolemia
- Hypergammaglobulinemia
- Ileitis
- Infant
- Infection
- Inflammation
- Inflammatory Bowel Diseases
- Irritable Bowel Syndrome
- Leukemia-Lymphoma
- Liver Cirrhosis
- Lung Diseases
- Lung Neoplasms
- Lupus Erythematosus
- Lymphoma
- Lymphoproliferative Disorders
- Measles
- Metabolic Syndrome X
- Mouth Neoplasms

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- Multiple Myeloma
- Multiple Sclerosis
- Mumps
- Musculoskeletal Diseases
- Myocardial Infarction
- Narcolepsy
- Neoplasms
- Obesity
- Obstetric Labor
- Occupational Diseases
- Osteoarthritis
- Osteoporosis
- Pain
- Paraparesis
- Paratyphoid Fever
- Parkinson disease
- Pericarditis
- Periodontal Attachment Loss
- Periodontal Pocket
- Periodontitis
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Psychiatric Status Rating Scales
- Pulmonary Disease
- Pulmonary Emphysema

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- Radiation Injuries
- Radiation Pneumonitis
- Recurrence
- Respiratory Syncytial Virus Infections
- Rheumatic Diseases
- Rubella
- Schizophrenia
- Sepsis
- Shock
- Skin Diseases
- Spondylitis
- Stomach Neoplasms
- Stomatitis
- Syndrome
- Thyroiditis
- Tuberculosis
- Typhoid Fever
- Urinary Bladder Neoplasms
- Uveitis
- Venous Thrombosis
- Viremia
- Weight Gain
- Werner syndrome

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