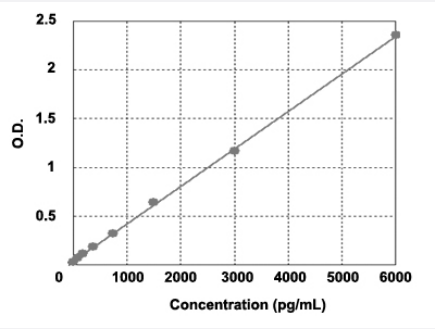
TNFRSF11B (Human) ELISA Kit

Catalog # KA3100 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	TNFRSF11B (Human) ELISA Kit is intended for the quantitative measurement of human TNFRSF11B.
Suitable Sample	Body Fluid, Cell Culture Supernate, Serum, Tissue Lysate
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	93.8 to 6000 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 4 months, or at -20°C for 8 months.

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Applications

- Quantification

Gene Info — TNFRSF11B

Entrez GeneID	4982
Gene Name	TNFRSF11B
Gene Alias	MGC29565, OCIF, OPG, TR1
Gene Description	tumor necrosis factor receptor superfamily, member 11b
Omim ID	239000 602643
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. This protein specifically binds to its ligand, osteoprotegerin ligand, both of which are key extracellular r egulators of osteoclast development. Studies of the mouse counterpart also suggest that this prot ein and its ligand play a role in lymph-node organogenesis and vascular calcification. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined. [provided by RefSeq
Other Designations	osteoclastogenesis inhibitory factor|osteoprotegerin

Pathway

- Cytokine-cytokine receptor interaction

Disease

- Acute Disease
- Alveolar Bone Loss
- Alzheimer disease
- Arthritis
- Asthma

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- Body Weight
- Bone Diseases
- Brain Ischemia
- Calcinosis
- Cardiovascular Diseases
- Cerebral Hemorrhage
- Chronic Disease
- Coronary Disease
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Neuropathies
- Diarrhea
- Disease Progression
- Edema
- Escherichia coli Infections
- Femoral Neck Fractures
- Fractures
- Gaucher disease
- Genetic Predisposition to Disease
- Glomerulonephritis
- Hip Fractures
- Hypertension
- Hypertrophy
- Inflammation
- Kidney Failure
- Lupus Erythematosus

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- Metabolic Syndrome X
- Neoplasms
- Obesity
- Osteitis Deformans
- Osteoarthritis
- Osteoporosis
- Osteoporotic Fractures
- Periodontitis
- Prostate cancer
- Prostatic Neoplasms
- Prosthesis Failure
- Scoliosis
- Spinal Fractures
- Stroke
- Thyroid Neoplasms

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