

Murine sRANK Ligand ELISA Kit | sRANK elisa kit

Murine sRANK Ligand Pre-Coated ELISA Kit

CATALOG #
AAA79410

REACTIVITY
Murine

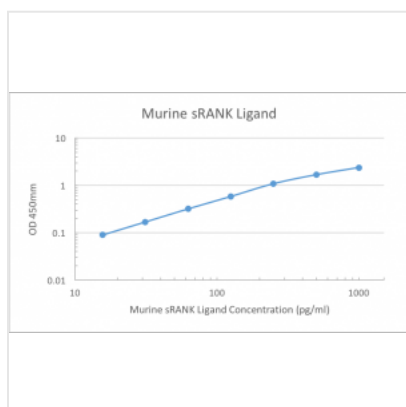
PRODUCT SYNONYMS

sRANK Ligand; Murine sRANK Ligand Pre-Coated ELISA Kit; sRANK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Murine
Specificity	Natural and recombinant Murine sRANK Ligand
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Components	Anti-Murine sRANK Ligand Pre-coated 96-well strip microplate Murine sRANK Ligand Standard Murine sRANK Ligand Biotinylated antibody (100x) Avidin-Biotin-Peroxidase Complex (100x) Sample Diluent Antibody Diluent Avidin-Biotin-Peroxidase Diluent Wash Buffer Concentrate (Powder for 1000mL) Color Developing Reagent Stop Solution Plate Sealers
Interference	No detectable cross-reactivity with other relevant proteins
Preparation and Storage	Store the unopened product at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sRANK elisa kit	RANKL and RANK are members of the TNF superfamily of ligands and receptors that play an important role in the regulation of specific immunity and bone turnover. RANK (receptor) was originally identified as a dendritic cell-membrane protein, which, by interacting with RANKL, augments the ability of dendritic cells. These dendritic cells then stimulate naïve T-cell proliferation in a mixed lymphocyte reaction, promote the survival of RANK + T-cells, and regulate T-cell-dependent immune response. RANKL, which is expressed in a variety of cells, including osteoblasts, fibroblasts, activated T-cells and bone marrow stromal cells, is also capable of interacting with a decoy receptor called OPG. Binding of soluble OPG to sRANKL inhibits osteoclastogenesis by interrupting the signaling between stromal cells and osteoclastic progenitor cells, thereby leading to excess accumulation of bone and cartilage. Murine sRANK Ligand Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure sRANK Ligand with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for sRANK Ligand. It contains NS0-expressed recombinant sRANK Ligand. The detection antibody is a biotinylated goat polyclonal antibody specific for sRANK Ligand. The kit is analytically validated with ready to use reagents.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114842415
NCBI GeneID	21943
NCBI Accession #	NP_035743.2
NCBI GenBank Nucleotide #	NM_011613.3
UniProt Accession #	O35235; O35306; Q3TWY5; Q9JJK8; Q9JJK9; Q9R1Y0
Molecular Weight	35,003 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 11
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 11
NCBI Official Symbol	Tnfsf11
NCBI Official Synonym Symbols	ODF; OPG; OPGL; RANKL; Ly109I; Trance
NCBI Protein Information	tumor necrosis factor ligand superfamily member 11; OPG ligand; osteoprotegerin ligand; osteoclast differentiation factor; receptor activator of NF-kappaB ligand; TNF-related activation-induced cytokine; receptor activator of nuclear factor kappa B ligand
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 11
UniProt Gene Name	Tnfsf11
UniProt Synonym Gene Names	Opgl; Rankl; Trance; ODF; OPGL; RANKL; TRANCE
UniProt Entry Name	TNF11_MOUSE

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.