

Rat Receptor Activator of Nuclear Factor Kb Ligand ELISA Kit | RANKL elisa kit

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CATALOG #
AAA16274

REACTIVITY
Rat

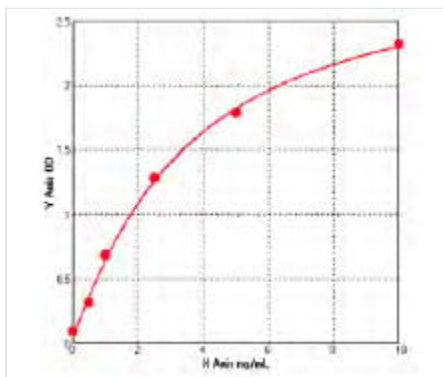
PRODUCT SYNONYMS

Receptor Activator of Nuclear Factor Kb Ligand; Rat Receptor Activator of Nuclear Factor Kb Ligand ELISA Kit; RANKL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RANKL elisa kit	Intended Uses: This RANKL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat RANKL. This ELISA kit for research use only! Principle of the Assay: RANKL ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for RANKL. Standards or samples are then added to the microtiter plate wells and RANKL if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of RANKL present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for RANKL are added to each well to "sandwich" the RANKL immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain RANKL and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RANKL concentration in each sample is interpolated from this standard curve.
Product Categories/Family for RANKL elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	2612922
NCBI GeneID	8600
Molecular Weight	30,523 Da
NCBI Official Full Name	RANKL
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 11
NCBI Official Symbol	TNFSF11
NCBI Official Synonym Symbols	ODF; OPGL; sOdf; CD254; OPTB2; RANKL; TRANCE; hRANKL2
NCBI Protein Information	tumor necrosis factor ligand superfamily member 11; osteoprotegerin ligand; osteoclast differentiation factor; TNF-related activation-induced cytokine; receptor activator of nuclear factor kappa B ligand; 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_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/rankl-rat-elisa-kits/receptor-activator-of-nuclear-factor-kb-ligand/16274>