

Rat Receptor Activator Of Nuclear Factor Kappa B Ligand (RANKL) ELISA Kit | RANKL elisa kit

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CATALOG # AAA63419	REACTIVITY Rat
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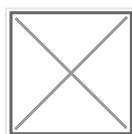
PRODUCT SYNONYMS

Receptor Activator Of Nuclear Factor Kappa B Ligand (RANKL); Rat Receptor Activator Of Nuclear Factor Kappa B Ligand (RANKL) ELISA Kit; CD254; TNFSF11; ODF; OPGL; TRANCE; HRANKL2; SODf; Tumor Necrosis Factor(ligand)superfamily Member 11; TNF-related activation-induced cytokine; RANKL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of RANKL. No significant cross-reactivity or interference between RANKL and analogues was observed.
Sequence Length	318
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	5.3pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RANKL were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level RANKL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RANKL elisa kit	<p>Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RANKL in Rat serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RANKL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RANKL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain RANKL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of RANKL in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16924012
NCBI GeneID	117516
NCBI Accession #	NP_476490.1
NCBI GenBank Nucleotide #	NM_057149.1
UniProt Accession #	Q9ESE2; Q91ZI9
Molecular Weight	35,370 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 11
NCBI Official Synonym Full Names	tumor necrosis factor superfamily member 11
NCBI Official Symbol	Tnfsf11
NCBI Official Synonym Symbols	RANKL
NCBI Protein Information	tumor necrosis factor ligand superfamily member 11
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

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/rat-elisa-kits/receptor-activator-of-nuclear-factor-kappa-b-ligand-rankl/63419>