

Rat RANKappa (Receptor Activator of Nuclear Factor Kappa B) CLIA Kit | RANK clia kit

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CATALOG #
AAA171319

REACTIVITY
Rat

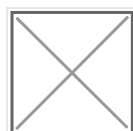
PRODUCT SYNONYMS

RANKappa (Receptor Activator of Nuclear Factor Kappa B); Rat RANKappa (Receptor Activator of Nuclear Factor Kappa B) CLIA Kit; RANK; TNFRSF11A; CD265; TRANCER; FEO; LOH18CR1; ODFR; OFE; OPTB7; OST5; PDB2; NFKB Activator; Rat RANK (Receptor Activator of Nuclear Factor Kappa B) CLIA Kit; Rat RANK; RANK clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant RANKappa. No significant cross-reactivity or interference between RANKappa and analogues was observed.
Sequence Length	317
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RANK clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of RANKappa concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to RANKappa. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for RANKappa and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain RANKappa, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of RANKappa. You can calculate the concentration of RANKappa in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18143619
NCBI GeneID	8600

Molecular Weight	30,523 Da
NCBI Official Full Name	receptor activator of nuclear factor kappa B ligand 1
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
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/rank-rat-clia-kits/rankappa-receptor-activator-of-nuclear-factor-kappa-b/171319>