

Human Soluble Receptor Activator Of Nuclear Factor-kB (sRANK) ELISA Kit | sRANK elisa kit

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CATALOG #
AAA330444

REACTIVITY
Human

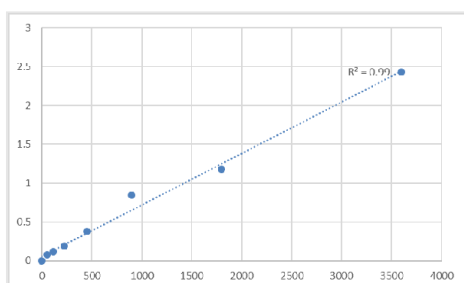
PRODUCT SYNONYMS

Soluble Receptor Activator Of Nuclear Factor-kB (sRANK); Human Soluble Receptor Activator Of Nuclear Factor-kB (sRANK) ELISA Kit; TNFRSF11A; CD265; FEO; LOH18CR1; ODFR; OFE; OPTB7; OST5; PDB2; RANK; TRANCER; loss of heterozygosity; 18; chromosomal region 1; osteoclast differentiation factor receptor; receptor activator of nuclear factor-ka; sRANK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Soluble Receptor Activator of Nuclear Factor-kB (sRANK) ELISA Kit has high sensitivity and excellent specificity for detection of Human TNFRSF11A. No significant cross-reactivity or interference between Human TNFRSF11A and analogues was observed.
Sequence Length	263
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Soluble Receptor Activator of Nuclear Factor-kB (sRANK) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for sRANK elisa kit	Description: This Human Soluble Receptor Activator of Nuclear Factor-kB (sRANK) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFRSF11A in samples. An antibody specific for TNFRSF11A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFRSF11A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF11A is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNFRSF11A bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Soluble Receptor Activator of Nuclear Factor-kB (sRANK) is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which sRANK induces the activation of NF-kappa B and MAPK8/JNK. sRANKr and its ligand are important regulators of the interaction between T cells and dendritic cells. sRANK is also an essential mediator for osteoclast and lymph node development. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	401015111
NCBI GeneID	8792
NCBI Accession #	NP_001257878.1
NCBI GenBank Nucleotide #	NP_001257878.1
UniProt Accession #	Q9Y6Q6
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 11A isoform 2
NCBI Official Synonym Full Names	TNF receptor superfamily member 11a
NCBI Official Symbol	TNFRSF11A
NCBI Official Synonym Symbols	FEO; OFE; ODFR; OSTS; PDB2; RANK; CD265; OPTB7; TRANCER; LOH18CR1
NCBI Protein Information	tumor necrosis factor receptor superfamily member 11A
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 11A
UniProt Gene Name	TNFRSF11A
UniProt Synonym Gene Names	RANK; ODFR
UniProt Entry Name	TNR11_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/human-elisa-kits/soluble-receptor-activator-of-nuclear-factor-kb-srank/330444>