

Rat OSCAR ELISA Kit | OSCAR elisa kit

Rat OSCAR (Osteoclast Associated Receptor) ELISA Kit

CATALOG #
AAA164747

REACTIVITY
Rat

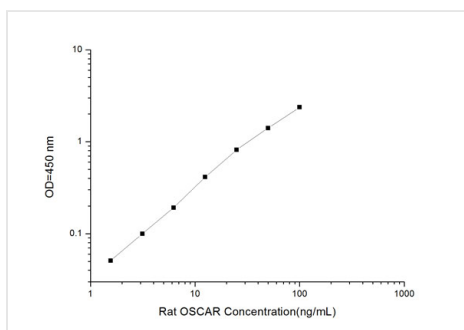
PRODUCT SYNONYMS

OSCAR; Rat OSCAR (Osteoclast Associated Receptor) ELISA Kit; OSCAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat OSCAR in samples. No significant cross-reactivity or interference between Rat OSCAR and analogues was observed.
Sequence Length	252
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat OSCAR were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat OSCAR were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSCAR elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat OSCAR concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat OSCAR. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat OSCAR and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat OSCAR, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat OSCAR. You can calculate the concentration of Rat OSCAR in the samples by comparing the OD of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	537544645
NCBI GeneID	126014
NCBI Accession #	NP_573398.2
NCBI GenBank Nucleotide #	NM_133168.4
UniProt Accession #	Q8IYS5; Q5GRG5; Q8N763; Q8NHL4; Q8WXQ0; Q8WXQ1; Q8WXQ2; B7WNS2
Molecular Weight	27,629 Da
NCBI Official Full Name	osteoclast-associated immunoglobulin-like receptor isoform 5
NCBI Official Synonym Full Names	osteoclast associated, immunoglobulin-like receptor
NCBI Official Symbol	OSCAR
NCBI Official Synonym Symbols	PIGR3; PlgR-3
NCBI Protein Information	osteoclast-associated immunoglobulin-like receptor; osteoclast associated receptor OSCAR-S1; osteoclast associated receptor OSCAR-S2; poly-Ig receptor 3; polymeric immunoglobulin receptor 3
UniProt Protein Name	Osteoclast-associated immunoglobulin-like receptor
UniProt Gene Name	OSCAR
UniProt Synonym Gene Names	Osteoclast-associated receptor; hOSCAR; PlgR-3; PlgR3; Poly-Ig receptor 3
UniProt Entry Name	OSCAR_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.