

Mouse OSCAR ELISA Kit | OSCAR elisa kit

Mouse OSCAR ELISA Kit PicoKine

CATALOG # AAA128032	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

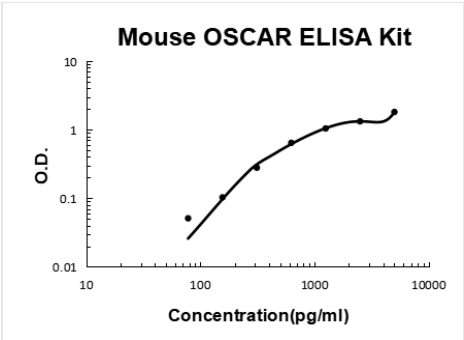
OSCAR; Mouse OSCAR ELISA Kit PicoKine; OSCAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	78pg/ml-5,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: D19-N228
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for OSCAR elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)0781563126251,2502,5005,000O.D.0.0550.1060.1580.3340.6991.0981.3791.869
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay Precision Sample123123n161616242424Mean(pg/ml)8521821071081672056Standard deviation2.117.56107.044.274.63134.67CV(%)2.5%3.5%5.1%4%2.8%6.6%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 185104861401044.594.4%Sample 221828918416321414.436.8%Sample 32107215619881334189641.532.2%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
 Mouse OSCAR ELISA Kit PicoKine standard curve

ADDITIONAL INFORMATION

Related Product Information for OSCAR elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for OSCAR elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	28274692
NCBI GeneID	232790
NCBI Accession #	NP_783440.1
NCBI GenBank Nucleotide #	NM_175632.2
UniProt Accession #	Q8VBT3 ; Q8VHT9
Molecular Weight	28,726 Da
NCBI Official Full Name	osteoclast-associated immunoglobulin-like receptor
NCBI Official Synonym Full Names	osteoclast associated receptor
NCBI Official Symbol	Oscar
NCBI Official Synonym Symbols	mOSCAR; mOSCAR-M1; mOSCAR-M2; mOSCAR-M3
NCBI Protein Information	osteoclast-associated immunoglobulin-like receptor; ocl178; osteoclast-associated receptor OSCAR
UniProt Protein Name	Osteoclast-associated immunoglobulin-like receptor
UniProt Gene Name	Oscar
UniProt Synonym Gene Names	Osteoclast-associated receptor; mOSCAR
UniProt Entry Name	OSCAR_MOUSE

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/mouse-elisa-kits/oscar/128032>