

Human OSCAR ELISA Kit | OSCAR elisa kit

Human OSCAR ELISA Kit PicoKine

CATALOG # AAA128021	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

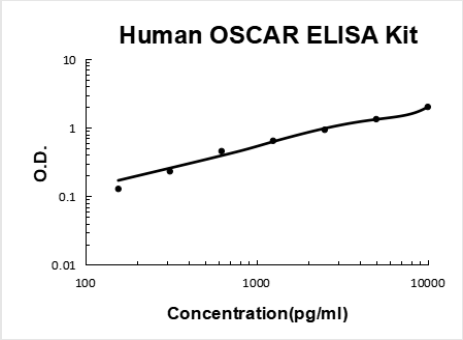
OSCAR; Human OSCAR ELISA Kit PicoKine; OSCAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	156pg/ml-10,000pg/ml
Sensitivity	<75pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: M1-F219
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)01563126251,2502,5005,00010,000O.D.0.0410.1690.2720.4960.6860.9741.3752.053
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay Precision Sample123123n161616242424Mean(pg/ml)23346341781655524061Standard deviation10.4233.61166.579.6237.81189.24CV(%)4.5%7.3%2.8%5.8%6.9%4.7%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 123320426323223315.526.7%Sample 246340662533245710.092.2%Sample 341782680383132643488223.256.4%*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)
Human OSCAR PicoKine ELISA Kit 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 #	311033418
NCBI GeneID	126014
UniProt Accession #	Q8IYS5 ; Q5GRG5 ; Q8N763 ; Q8NHL4 ; Q8WXQ0 ; Q8WXQ1 ; Q8WXQ2 ; B7WNS2
Molecular Weight	30,481 Da
NCBI Official Full Name	Osteoclast-associated immunoglobulin-like receptor
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; poly-Ig receptor 3; polymeric immunoglobulin receptor 3; osteoclast associated receptor OSCAR-S1; osteoclast associated receptor OSCAR-S2
UniProt Protein Name	Osteoclast-associated immunoglobulin-like receptor
UniProt Gene Name	OSCAR
UniProt Synonym Gene Names	Osteoclast-associated receptor; hOSCAR; PlgR-3; PlgR3
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.

