

Human osteoclast associated, immunoglobulin-like receptor ELISA Kit | OSCAR elisa kit

Human Osteoclast-associated immunoglobulin-like receptor, OSCAR ELISA Kit

CATALOG #
AAA113089

REACTIVITY
Human

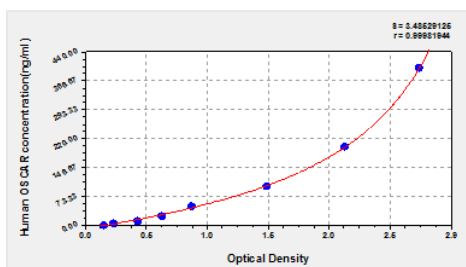
PRODUCT SYNONYMS

osteoclast associated; immunoglobulin-like receptor; Human Osteoclast-associated immunoglobulin-like receptor; OSCAR ELISA Kit; Human Osteoclast-associated immunoglobulin-like receptor (OSCAR) ELISA kit; MGC33613; PIGR3; osteoclast associated receptor OSCAR-S1; osteoclast associated receptor OSCAR-S2; osteoclast-associated receptor; polymeric immunoglobulin receptor 3; OSCAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human OSCAR. No significant cross-reactivity or interference between human OSCAR and analogues was observed.
Sequence Length	282
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 ng/ml - 400 ng/ml.
Sensitivity	The minimum detectable dose of human OSCAR is typically less than 1.56 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSCAR elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for OSCAR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any OSCAR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for OSCAR is added to the wells. After washing, avidin 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 OSCAR bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	537544647
NCBI GeneID	126014
NCBI Accession #	NP_001269278.1
NCBI GenBank Nucleotide #	NM_001282349.1
UniProt Accession #	Q8IYS5; Q5GRG5; Q8N763; Q8NHL4; Q8WXQ0; Q8WXQ1; Q8WXQ2; B7WNS2
Molecular Weight	30,481 Da
NCBI Official Full Name	osteoclast-associated immunoglobulin-like receptor isoform 6
NCBI Official Synonym Full Names	osteoclast associated, immunoglobulin-like receptor
NCBI Official Symbol	OSCAR
NCBI Official Synonym Symbols	PIGR3; PIgR-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; PIgR-3; PIgR3; 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.

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Online datasheet: <https://stage.aaabiotech.com/oscar-human-elisa-kits/osteoclast-associated-immunoglobulin-like-receptor/113089>