

Rat OSMR ELISA Kit | OSMR elisa kit

Rat OSMR (Oncostatin M Receptor) ELISA Kit

CATALOG #
AAA165669

REACTIVITY
Rat

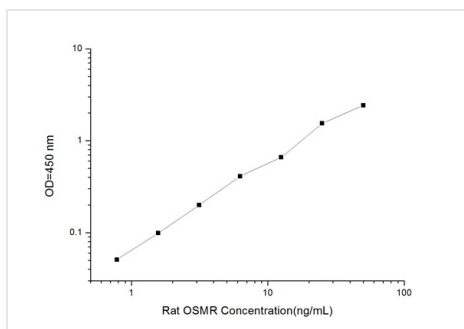
PRODUCT SYNONYMS

OSMR; Rat OSMR (Oncostatin M Receptor) ELISA Kit; OSMR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat OSMR. No significant cross-reactivity or interference between Rat OSMR and analogues was observed.
Sequence Length	342
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	270288820
NCBI GeneID	9180
NCBI Accession #	NP_001161827.1
NCBI GenBank Nucleotide #	NM_001168355.1
UniProt Accession #	Q99650; Q6P4E8; Q96QJ6
Molecular Weight	39,504 Da
NCBI Official Full Name	oncostatin-M-specific receptor subunit beta isoform 2
NCBI Official Synonym Full Names	oncostatin M receptor
NCBI Official Symbol	OSMR
NCBI Official Synonym Symbols	OSMRB; PLCA1
NCBI Protein Information	oncostatin-M-specific receptor subunit beta; IL-31 receptor subunit beta; IL-31R subunit beta; IL-31R-beta; IL-31RB; interleukin-31 receptor subunit beta; oncostatin-M specific receptor beta subunit
UniProt Protein Name	Oncostatin-M-specific receptor subunit beta
UniProt Gene Name	OSMR
UniProt Synonym Gene Names	OSMRB; IL-31 receptor subunit beta; IL-31R subunit beta; IL-31R-beta; IL-31RB
UniProt Entry Name	OSMR_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.