

Monkey Oncostatin M Receptor ELISA Kit | OSMR elisa kit

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CATALOG #
AAA89833

REACTIVITY
Monkey

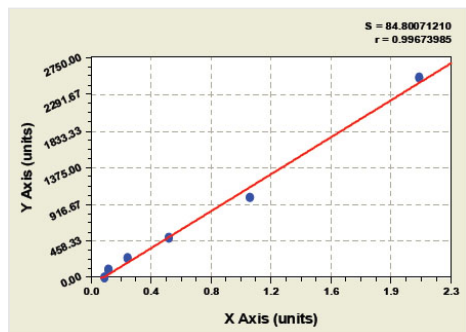
PRODUCT SYNONYMS

Oncostatin M Receptor; Monkey Oncostatin M Receptor ELISA Kit; OSMR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This OSMR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey OSMR. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSMR elisa kit

Principle of the Assay: OSMR ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for OSMR. Standards or samples are then added to the microtiter plate wells and OSMR if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of OSMR present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for OSMR are added to each well to "sandwich" the OSMR immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain OSMR and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OSMR concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115529091
NCBI GeneID	9180
Molecular Weight	39,504 Da
NCBI Official Full Name	Oncostatin M receptor
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-31RB; IL-31R-beta; IL-31R subunit beta; IL-31 receptor subunit beta; 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.

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Online datasheet: <https://stage.aaabiotech.com/osmr-monkey-elisa-kits/oncostatin-m-receptor/89833>