

Mouse Oncostatin M ELISA Kit | OSM elisa kit

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CATALOG #
AAA16449

REACTIVITY
Mouse

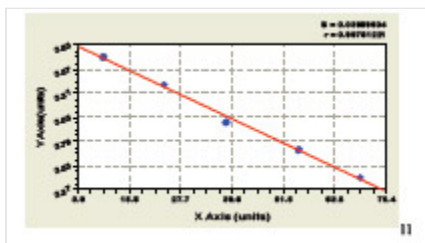
PRODUCT SYNONYMS

Oncostatin M; Mouse Oncostatin M ELISA Kit; OSM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This OSM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse OSM. 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 OSM elisa kit

Principle of the assay: OSM ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-OSM antibody and an OSM-HRP conjugate. The assay sample and buffer are incubated together with OSM-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the OSM concentration since OSM from samples and OSM-HRP conjugate compete for the anti-OSM antibody binding site. Since the number of sites is limited, as more sites are occupied by OSM from the sample, fewer sites are left to bind OSM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OSM concentration in each sample is interpolated from this standard curve.

Product Categories/Family for OSM elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092621
NCBI GeneID	5008
NCBI Accession #	NP_065391.1
NCBI GenBank Nucleotide #	NM_020530.4
Molecular Weight	28,484 Da
NCBI Official Full Name	oncostatin-M preproprotein
NCBI Official Synonym Full Names	oncostatin M
NCBI Official Symbol	OSM
NCBI Protein Information	oncostatin-M
UniProt Protein Name	Oncostatin-M
UniProt Gene Name	OSM
UniProt Synonym Gene Names	OSM
UniProt Entry Name	ONCM_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://www.aaabiotech.com/osm-mouse-elisa-kits/oncostatin-m/16449>