

Mouse OSM ELISA Kit | OSM elisa kit

Mouse OSM (Oncostatin-M) ELISA Kit

CATALOG #
AAA164519

REACTIVITY
Mouse

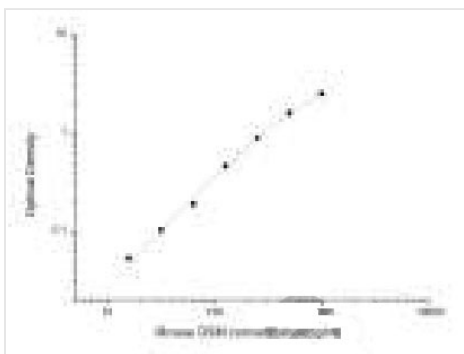
PRODUCT SYNONYMS

OSM; Mouse OSM (Oncostatin-M) ELISA Kit; OSM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse OSM in samples. No significant cross-reactivity or interference between Mouse OSM and analogues was observed
Sequence Length	252
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000 pg/mL
Sensitivity	9.38 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse OSM were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse OSM were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSM elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse OSM. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse OSM and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse OSM, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse OSM. You can calculate the concentration of Mouse OSM in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse OSM concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10092621
NCBI GeneID	5008
NCBI Accession #	NP_065391.1
NCBI GenBank Nucleotide #	NM_020530.4
UniProt Accession #	P13725; Q6FHP8; Q9UCP6
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/mouse-elisa-kits/osm/164519>