

Mouse oncostatin M ELISA Kit | OSM elisa kit

Mouse Oncostatin-M, OSM ELISA Kit

CATALOG #
AAA80317

REACTIVITY
Mouse

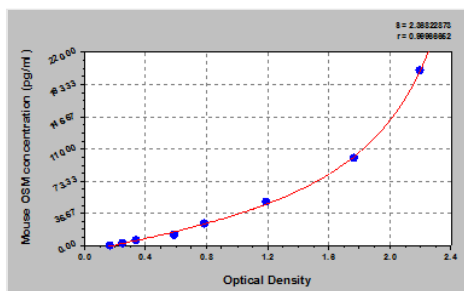
PRODUCT SYNONYMS

oncostatin M; Mouse Oncostatin-M; OSM ELISA Kit; OSM ELISA KIT; MGC20461; ; OSM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse OSM. No significant cross-reactivity or interference between Mouse OSM and analogues was observed.
Sequence Length	263
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Growth Factor
Protein Biological Process 3	Growth regulation
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 OSM elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for OSM has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any OSM present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for OSM 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 OSM 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 #	61656173
NCBI GeneID	18413
NCBI Accession #	NP_001013383.1
NCBI GenBank Nucleotide #	NM_001013365.2
UniProt Accession #	P53347; Q3U1Y5; Q5SPX6
Molecular Weight	30,114 Da
NCBI Official Full Name	oncostatin-M
NCBI Official Synonym Full Names	oncostatin M
NCBI Official Symbol	Osm
NCBI Official Synonym Symbols	OncoM
NCBI Protein Information	oncostatin-M
UniProt Protein Name	Oncostatin-M
UniProt Gene Name	Osm
UniProt Synonym Gene Names	OSM
UniProt Entry Name	ONCM_MOUSE

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/80317>