

Mouse Oncostatin-M ELISA Kit | Osm elisa kit

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CATALOG #
AAA98097

REACTIVITY
Mouse

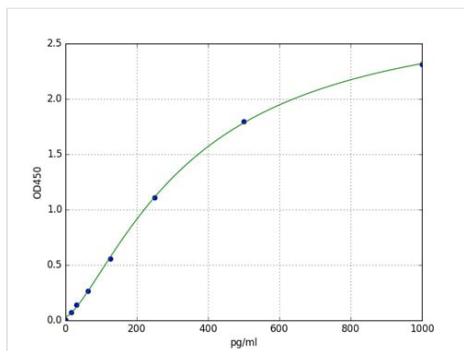
PRODUCT SYNONYMS

Oncostatin-M; Mouse Oncostatin-M ELISA Kit; Osm/MGC20461/oncostatin M; Osm elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	252
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Mouse Osm ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.006	0.073	0.148	0.263	0.574	0.960	1.927	2.457

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Osm elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Osm antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Osm antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Osm amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Osm can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

10092621

NCBI GeneID	5008
NCBI Accession #	NP_065391.1
NCBI GenBank Nucleotide #	NM_020530.5
Molecular Weight	28,484 Da
NCBI Official Full Name	oncostatin-M isoform 1 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/98097>