

Rat oncostatin M ELISA Kit | OSM elisa kit

Rat oncostatin M, OSM ELISA Kit

CATALOG #
AAA80587

REACTIVITY
Rat

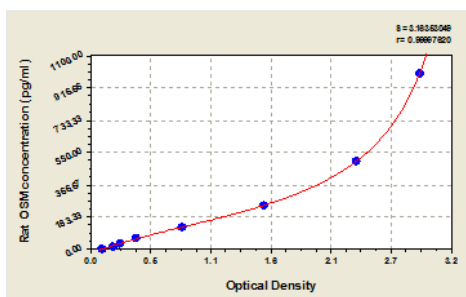
PRODUCT SYNONYMS

oncostatin M; Rat oncostatin M; OSM ELISA Kit; Rat oncostatin M (OSM) ELISA kit; MGC20461; ; OSM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	The microtiter plate provided in this kit has been pre-coated with antigen. Samples are pipetted into the wells with anti-human IgG conjugated Horseradish Peroxidase (HRP). Any antibodies specific for the antigen present will bind to the pre-coated antigen. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of human liver kidney microsome type 1 antibody(IgG) bound in the initial step. The color development is stopped and the intensity of the color is measured.
Sequence Length	239
Samples	Serum, plasma
Assay Type	Sandwich
Detection Range	15.6 pg/ml -1000 pg/ml.
Sensitivity	The minimum detectable dose of rat OSM is typically less than 3.9 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 #	55741439
NCBI GeneID	289747
NCBI Accession #	NP_001006962.1
NCBI GenBank Nucleotide #	NM_001006961.1
UniProt Accession #	Q65Z15
Molecular Weight	27,106 Da
NCBI Official Full Name	oncostatin-M
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_RAT

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.