

Human Oncostatin M ELISA Kit | OSM elisa kit

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CATALOG #
AAA87706

REACTIVITY
Human

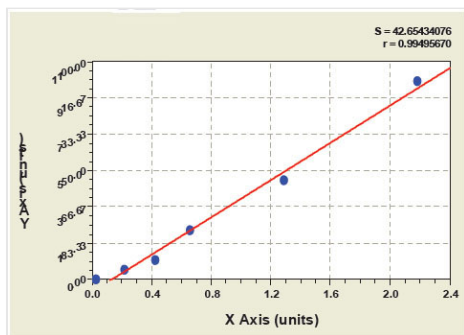
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
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 Human 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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for OSM. Standards or samples are then added to the microtiter plate wells and OSM if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of OSM present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for OSM are added to each well to "sandwich" the OSM immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain OSM and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

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.