

Human Osteomodulin (OMD) ELISA Kit | OMD elisa kit

Human Osteomodulin (OMD) ELISA Kit

CATALOG #
AAA219681

REACTIVITY
Human

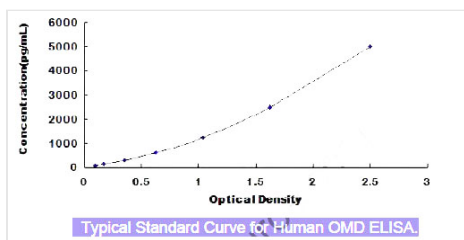
PRODUCT SYNONYMS

Osteomodulin (OMD); Human Osteomodulin (OMD) ELISA Kit; Keratan sulfate proteoglycan osteomodulin(KSPG osteomodulin); Osteoadherin(OSAD); OMD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of OC. No significant cross-reactivity or interference between OC and analogues was observed.
Purity/Purification	Affinity Purification
Sequence Length	421
Samples	Rat Serum, Plasma, Tissue Homogenates, Cell Lysates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	15.6-1000pg/mL
Sensitivity	5.7pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level OC were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level OC were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C or -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OMD elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of OC in rat serum, plasma, tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to OC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to OC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain OC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of OC in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826876
NCBI GeneID	4958
NCBI Accession #	NP_005005.1
NCBI GenBank Nucleotide #	NM_005014.2
UniProt Accession #	Q99983; Q5TBF4
Molecular Weight	49,492 Da
NCBI Official Full Name	osteomodulin
NCBI Official Synonym Full Names	osteomodulin
NCBI Official Symbol	OMD
NCBI Official Synonym Symbols	OSAD; SLRR2C
NCBI Protein Information	osteomodulin
UniProt Protein Name	Osteomodulin
UniProt Gene Name	OMD
UniProt Synonym Gene Names	SLRR2C; KSPG osteomodulin; OSAD

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.