

Human OCM ELISA Kit | OCM elisa kit

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CATALOG #
AAA263070

REACTIVITY
Human

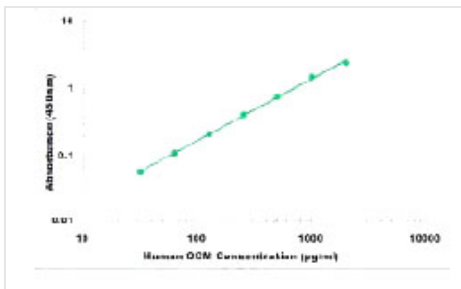
PRODUCT SYNONYMS

OCM; Human OCM ELISA Kit; OCM1; OCMN; Oncomodulin-1; OM; Parvalbumin beta; OCM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human OCM ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human OCM proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	109
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OCM elisa kit

Principle of the Assay: The Human OCM ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human OCM in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Human OCM coated on a 96-well plate. Standards and samples are pipetted into the wells and OCM present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human OCM antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of OCM bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background: Oncomodulin, also known as OCM, is an oncodevelopmental protein found in early embryonic cells in the placenta and also in tumors. The human gene for oncomodulin is located on chromosome 7. It is a parvalbumin-family calcium-binding protein expressed and secreted by macrophages that typically traffic to tissue as an inflammatory response or after injury. Oncomodulin promotes axon regeneration in retinal ganglion cells and maintains functioning in mouse cochlear hair cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147906122
NCBI GeneID	654231
NCBI Accession #	NP_001091091.1
NCBI GenBank Nucleotide #	NM_001097622.1
UniProt Accession #	P0CE72; P32930; Q6ISI5; Q75MW0; B9EJH7
Molecular Weight	12,184 Da
NCBI Official Full Name	oncomodulin-1
NCBI Official Synonym Full Names	oncomodulin
NCBI Official Symbol	OCM
NCBI Official Synonym Symbols	OM; OCM1; ONCM
NCBI Protein Information	oncomodulin-1
UniProt Protein Name	Oncomodulin-1
UniProt Gene Name	OCM
UniProt Synonym Gene Names	OCM1; OCMN; OM
UniProt Entry Name	ONCO_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/human-elisa-kits/ocm/263070>