

Human Mimecan ELISA Kit | OGN elisa kit

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CATALOG #
AAA195699

REACTIVITY
Human

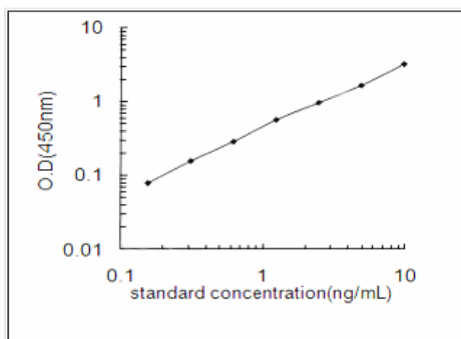
PRODUCT SYNONYMS

Mimecan; Human Mimecan ELISA Kit; Osteoglycin; Osteoinductive factor; OIF; OGN; SLRR3A; OGN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Mimecan. No significant cross-reactivity or interference was observed.
Sequence Length	298
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.156 ng/mL -10.0 ng/mL
Sensitivity	0.046 ng/mL
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OGN elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Mimecan concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mimecan. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Mimecan and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Mimecan, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Mimecan in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661704
NCBI GeneID	4969
NCBI Accession #	NP_054776.1
NCBI GenBank Nucleotide #	NM_014057.4
UniProt Accession #	P20774; Q6FIB0; Q9UF90; Q9UNK5
Molecular Weight	33,922 Da
NCBI Official Full Name	mimecan isoform 2
NCBI Official Synonym Full Names	osteoglycin
NCBI Official Symbol	OGN
NCBI Official Synonym Symbols	OG; OIF; SLRR3A
NCBI Protein Information	mimecan
UniProt Protein Name	Mimecan
UniProt Gene Name	OGN
UniProt Synonym Gene Names	OIF; SLRR3A; OIF
UniProt Entry Name	MIME_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://stage.aaabiotech.com/ogn-human-elisa-kits/mimecan/195699>