

Human OGN (Osteoglycin) ELISA Kit | OGN elisa kit

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CATALOG #
AAA278382

REACTIVITY
Human

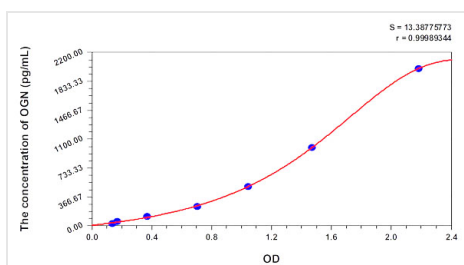
PRODUCT SYNONYMS

OGN (Osteoglycin); Human OGN (Osteoglycin) ELISA Kit; OIF; SLRR3A; Mimecan Proteoglycan; Osteoinductive Factor; OGN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.13ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OGN elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human OGN. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human OGN. 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 Human OGN, 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 Human OGN in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for OGN elisa kit

[Metabolic pathway](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	129078
NCBI GeneID	4969
UniProt Accession #	P20774; Q6FIB0; Q9UF90; Q9UNK5

Molecular Weight	298
NCBI Official Full Name	Mimecan
NCBI Official Synonym Full Names	osteoglycin
NCBI Official Symbol	OGN
NCBI Official Synonym Symbols	OG; OIF; SLRR3A
NCBI Protein Information	mimecan; mimecan proteoglycan; osteoinductive factor; corneal keratan sulfate proteoglycan
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/human-elisa-kits/ogn-osteoglycin/278382>