

Human OGP ELISA Kit | OGP elisa kit

Human OGP (Osteogenic Growth Peptide) ELISA Kit

CATALOG #
AAA164198

REACTIVITY
Human

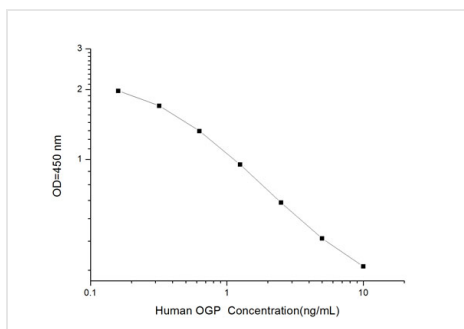
PRODUCT SYNONYMS

OGP; Human OGP (Osteogenic Growth Peptide) ELISA Kit; OGP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human OGP. No significant cross-reactivity or interference between Human OGP and analogues was observed.
Sequence Length	678
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OGP elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human OGP concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to OGP. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for OGP and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain OGP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of OGP. You can calculate the concentration of OGP in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58386720
NCBI GeneID	5016
NCBI Accession #	NP_002548.3
NCBI GenBank Nucleotide #	NM_002557.3
UniProt Accession #	Q12889; Q15841; A0AV19; B9EGE1
Molecular Weight	75,421 Da
NCBI Official Full Name	oviduct-specific glycoprotein
NCBI Official Synonym Full Names	oviductal glycoprotein 1, 120kDa
NCBI Official Symbol	OVGP1
NCBI Official Synonym Symbols	EGP; OGP; MUC9; CHIT5
NCBI Protein Information	oviduct-specific glycoprotein; estrogen-dependent oviduct protein; mucin 9; mucin-9; oviduct glycoprotein; oviductin
UniProt Protein Name	Oviduct-specific glycoprotein
UniProt Gene Name	OVGP1
UniProt Synonym Gene Names	MUC9; OGP
UniProt Entry Name	OVGP1_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.