

Mouse Osteoprotegerin, OPG ELISA Kit | OPG elisa kit

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CATALOG #
AAA43131

REACTIVITY
Mouse

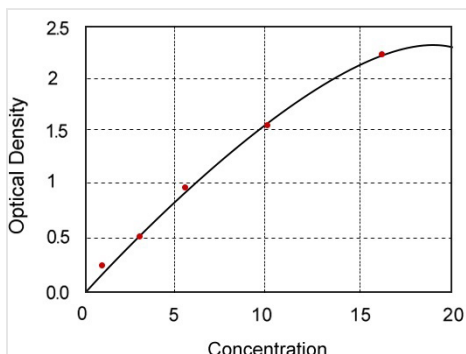
PRODUCT SYNONYMS

Osteoprotegerin; OPG; Mouse Osteoprotegerin; OPG ELISA Kit; OPG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	401
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.02ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OPG elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Osteoprotegerin (also known as OPG) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse OPG antibody. OPG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse OPG Antibody is added and binds to OPG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated OPG antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse OPG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2072185
NCBI GeneID	4982
UniProt Accession #	O00300; O60236; Q53FX6; Q9UHP4; B2R9A8
Molecular Weight	46,026 Da
NCBI Official Full Name	osteoprotegerin
NCBI Official Synonym Full Names	TNF receptor superfamily member 11b
NCBI Official Symbol	TNFRSF11B
NCBI Official Synonym Symbols	OPG; TR1; OCIF; PDB5
NCBI Protein Information	tumor necrosis factor receptor superfamily member 11B
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 11B
UniProt Gene Name	TNFRSF11B
UniProt Synonym Gene Names	OCIF; OPG

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/mouse-elisa-kits/osteoprotegerin-opg/43131>