

Human OPG ELISA Kit | OPG elisa kit

OPG Human ELISA Kit

CATALOG # AAA58962	REACTIVITY Human	APPLICATIONS ELISA
------------------------------	----------------------------	------------------------------

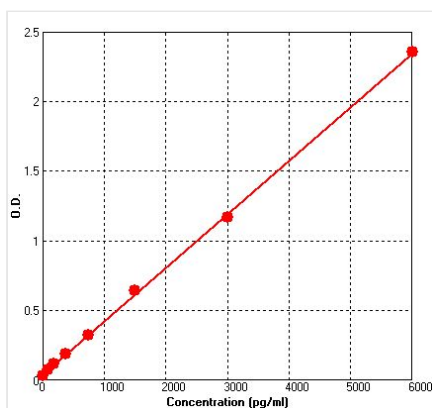
PRODUCT SYNONYMS

OPG; OPG Human ELISA Kit; Human OPG; OPG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	93.8 pg/ml-6,000 pg/ml
Applicable Applications for OPG elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OPG elisa kit

Principle of the assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-OPG polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-OPG polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the OPG amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of OPG can be calculated.

Background: Osteoprotegerin (OPG), also known as osteoclastogenesis inhibitory factor (OCIF), or tumor necrosis factor receptor superfamily member 11B (TNFRSF11B), is a protein that in humans is encoded by the TNFRSF11B gene. It is a member of the tumor necrosis factor (TNF) receptor superfamily, and comprising 401 amino acid residues arranged into 7 structural domains. It is a decoy receptor for the receptor activator of nuclear factor kappa B ligand (RANKL). OPG can reduce the production of osteoclasts by inhibiting the differentiation of osteoclast precursors. Elevated OPG levels has been reported in heart diseases, in Placebo effect serum responses in IBS patients and in severe mental disorders.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/opg/58962>