

Human Osteogenic Growth Peptide ELISA Kit | OGP elisa kit

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CATALOG #
AAA86529

REACTIVITY
Human

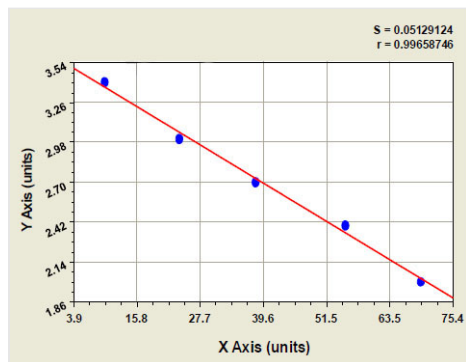
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500 pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This BG OGP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human OGP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OGP elisa kit

Principle of the assay: OGP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-OGP antibody and an OGP-HRP conjugate. The assay sample and buffer are incubated together with OGP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the OGP concentration since OGP from samples and OGP-HRP conjugate compete for the anti-OGP antibody binding site. Since the number of sites is limited, as more sites are occupied by OGP from the sample, fewer sites are left to bind OGP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OGP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1582817
NCBI Official Full Name	osteogenic growth peptide

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/ogp-human-elisa-kits/osteogenic-growth-peptide/86529>