

## Human OGP (Osteogenic Growth Peptide) ELISA Kit | OGP elisa kit

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CATALOG #  
**AAA273389**

REACTIVITY  
**Human**

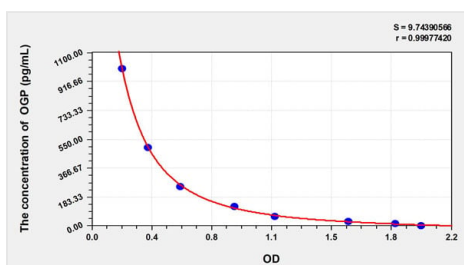
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Human OGP. No significant cross-reactivity or interference between Human OGP and analogues was observed. |
| Assay Type              | Competitive                                                                                                                                                                         |
| Detection Range         | 15.63-1000 pg/mL                                                                                                                                                                    |
| Sensitivity             | 4.83 pg/mL                                                                                                                                                                          |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.              |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.               |
| Preparation and Storage | Store at 2-8 degree C. Stable for 6 months from date of receipt.                                                                                                                    |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for OGP elisa kit

**Principle of the Assay:** This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Osteogenic Growth Peptide(OGP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Osteogenic Growth Peptide(OGP). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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  $\pm$  10nm. The concentration of Osteogenic Growth Peptide(OGP) in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for OGP elisa kit

Metabolic pathway; Hormone metabolism; Bone metabolism

**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](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/ogp-osteogenic-growth-peptide/273389>