

## Rat OPG (Osteoprotegerin) ELISA Kit | OPG elisa kit

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CATALOG #  
AAA278277

REACTIVITY  
Rat

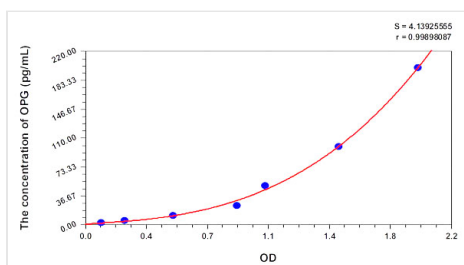
### PRODUCT SYNONYMS

OPG (Osteoprotegerin); Rat OPG (Osteoprotegerin) ELISA Kit; TNFRSF11B; TNFRSF11-B; OCIF; OPG; TR1; Tumor Necrosis Factor Receptor Superfamily Member 11b; Osteoclastogenesis Inhibitory Factor; OPG elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                               |
|-----------------|---------------------------------------------------------------|
| Reactivity      | Rat                                                           |
| Assay Type      | Sandwich                                                      |
| Samples         | serum, plasma, tissue homogenates and other biological fluids |
| Detection Range | 0.16-10ng/mL                                                  |
| Sensitivity     | 0.054ng/mL                                                    |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for OPG elisa kit

**Test Principle:** The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat OPG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat OPG. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat OPG, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 +/- 10nm. The concentration of Rat OPG in the samples is then determined by comparing the OD of the samples to the standard curve.

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

Cytokine; Metabolic pathway; Bone metabolism

### NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 6981306     |
| NCBI GeneID      | 25341       |
| NCBI Accession # | NP_037002.1 |

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_012870.2</a>                           |
| UniProt Accession #              | <a href="#">O08727</a>                                |
| Molecular Weight                 | 46,192 Da                                             |
| NCBI Official Full Name          | tumor necrosis factor receptor superfamily member 11B |
| NCBI Official Synonym Full Names | TNF receptor superfamily member 11B                   |
| NCBI Official Symbol             | Tnfrsf11b                                             |
| NCBI Official Synonym Symbols    | Opg                                                   |
| NCBI Protein Information         | tumor necrosis factor receptor superfamily member 11B |
| UniProt Protein Name             | Tumor necrosis factor receptor superfamily member 11B |
| UniProt Gene Name                | <b>Tnfrsf11b</b>                                      |
| UniProt Synonym Gene Names       | 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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