

## Human Osteomodulin ELISA Kit | OMD elisa kit

Human Osteomodulin ELISA Kit

CATALOG #  
**AAA310139**

REACTIVITY  
**Human**

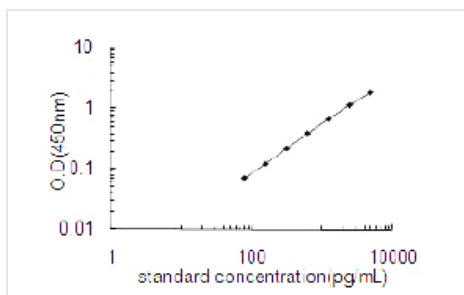
### PRODUCT SYNONYMS

Osteomodulin; Human Osteomodulin ELISA Kit; Keratan sulfate proteoglycan osteomodulin; KSPG osteomodulin; Osteoadherin; OSAD; OMD; SLRR2C; UNQ190/PRO216; OMD elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                           |
| Specificity             | This assay recognizes recombinant and natural human Osteomodulin. No significant cross-reactivity or interference was observed. |
| Samples                 | Serum, plasma, tissue homogenates and cell culture supernate and other biological fluids                                        |
| Detection Range         | 78.0 pg/mL - 5000 pg/mL                                                                                                         |
| Preparation and Storage | Store at 4 degree C                                                                                                             |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for OMD elisa kit

**Intended Uses:** This immunoassay kit allows for the in vitro quantitative determination of human osteomodulin, Osteomodulin concentrations in serum, plasma, tissue homogenates and cell culture supernate and other biological fluids.

**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to Osteomodulin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Osteomodulin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Osteomodulin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Osteomodulin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

NCBI GI #

4826876

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GeneID                      | <a href="#">4958</a>                            |
| NCBI Accession #                 | <a href="#">NP_005005.1</a>                     |
| NCBI GenBank Nucleotide #        | <a href="#">NM_005014.2</a>                     |
| UniProt Accession #              | <a href="#">Q99983</a> ; <a href="#">Q5TBF4</a> |
| Molecular Weight                 | 49,492 Da                                       |
| NCBI Official Full Name          | osteomodulin                                    |
| NCBI Official Synonym Full Names | osteomodulin                                    |
| NCBI Official Symbol             | OMD                                             |
| NCBI Official Synonym Symbols    | OSAD; SLRR2C                                    |
| NCBI Protein Information         | osteomodulin                                    |
| UniProt Protein Name             | Osteomodulin                                    |
| UniProt Gene Name                | <b>OMD</b>                                      |
| UniProt Synonym Gene Names       | SLRR2C; KSPG osteomodulin; OSAD                 |

**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/omd-human-elisa-kits/osteomodulin/310139>