

## Human Bone marrow proteoglycan ELISA Kit | PRG2 elisa kit

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CATALOG #  
**AAA191822**

REACTIVITY  
**Human**

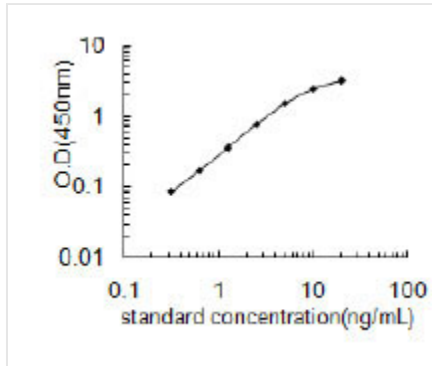
### PRODUCT SYNONYMS

Bone marrow proteoglycan; Human Bone marrow proteoglycan ELISA Kit; BMPG; Proteoglycan 2; PRG2; MBP; PRG2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                 |
| Specificity             | Recombinant and natural Human Bone marrow proteoglycan,BMPG                           |
| Sequence Length         | 211                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Intra-assay Precision   | Intra-Assay CV: <=5.2%                                                                |
| Inter-assay Precision   | Inter-Assay CV: <=10.3%                                                               |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for PRG2 elisa kit

**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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  $\pm$  2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

**Intended Uses:** This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 342837699                                                                                           |
| NCBI GeneID                      | 5553                                                                                                |
| NCBI Accession #                 | NP_001230174.1                                                                                      |
| NCBI GenBank Nucleotide #        | NM_001243245.2                                                                                      |
| UniProt Accession #              | P13727; P81448; Q14227; Q6ICT2; A6XMW0; B2R5I1                                                      |
| Molecular Weight                 | 23,901 Da                                                                                           |
| NCBI Official Full Name          | bone marrow proteoglycan isoform 2 preproprotein                                                    |
| NCBI Official Synonym Full Names | proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein) |
| NCBI Official Symbol             | PRG2                                                                                                |
| NCBI Official Synonym Symbols    | MBP; BMPG; MBP1                                                                                     |
| NCBI Protein Information         | bone marrow proteoglycan                                                                            |
| UniProt Protein Name             | Bone marrow proteoglycan                                                                            |
| UniProt Gene Name                | <b>PRG2</b>                                                                                         |
| UniProt Synonym Gene Names       | MBP; BMPG; EMBP; MBP                                                                                |
| UniProt Entry Name               | PRG2_HUMAN                                                                                          |

**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/prg2-human-elisa-kits/bone-marrow-proteoglycan/191822>