

## Mouse BMG/b2-MG (Beta-2-Microglobulin) ELISA Kit | BMG/b2-MG elisa kit

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CATALOG #  
**AAA278459**

REACTIVITY  
**Mouse**

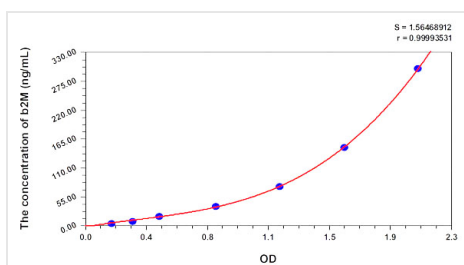
### PRODUCT SYNONYMS

BMG/b2-MG (Beta-2-Microglobulin); Mouse BMG/b2-MG (Beta-2-Microglobulin) ELISA Kit; Beta 2M; BMG; B2MG; b2M; Beta-2-Microglobulin; BMG/b2-MG elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                                                                             |
|-----------------|-------------------------------------------------------------------------------------------------------------|
| Reactivity      | Mouse                                                                                                       |
| Assay Type      | Sandwich                                                                                                    |
| Samples         | serum, plasma, urine, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |
| Detection Range | 0.32-20ug/mL                                                                                                |
| Sensitivity     | 0.11ug/mL                                                                                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for BMG/b2-MG 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 Mouse BMG/b2-MG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse BMG/b2-MG. 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 Mouse BMG/b2-MG, 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 Mouse BMG/b2-MG in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for BMG/b2-MG elisa kit

[Infection immunity](#); [Kidney biomarker](#)

### NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 31981890    |
| NCBI GeneID      | 12010       |
| NCBI Accession # | NP_033865.2 |

|                                  |                         |
|----------------------------------|-------------------------|
| NCBI GenBank Nucleotide #        | NM_009735.3             |
| UniProt Accession #              | P01887; Q91XJ8          |
| Molecular Weight                 | 13,779 Da               |
| NCBI Official Full Name          | beta-2-microglobulin    |
| NCBI Official Synonym Full Names | beta-2 microglobulin    |
| NCBI Official Symbol             | B2m                     |
| NCBI Official Synonym Symbols    | Ly-m11; beta2m; beta2-m |
| NCBI Protein Information         | beta-2-microglobulin    |
| UniProt Protein Name             | Beta-2-microglobulin    |
| UniProt Gene Name                | B2m                     |

**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://stage.aaabiotech.com/mouse-elisa-kits/bmg-b2-mg-beta-2-microglobulin/278459>