

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

Mouse BMG/b2-MG (Beta-2-Microglobulin) ELISA Kit

CATALOG #
AAA278459

REACTIVITY
Mouse

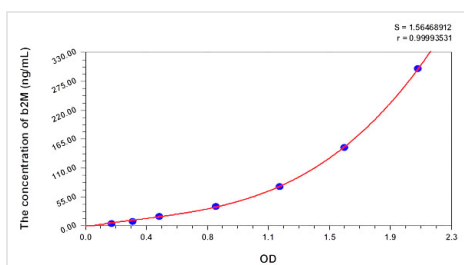
PRODUCT SYNONYMS

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/bmg-b2-mg-beta-2-microglobulin/278459>