

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

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CATALOG #
AAA278444

REACTIVITY
Rat

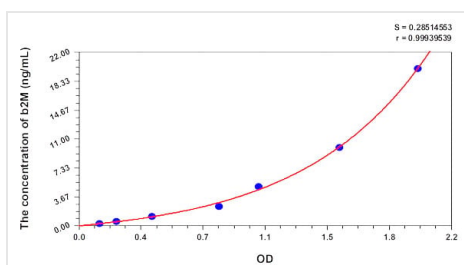
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 Rat BMG/b2-MG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat 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 #	7549746
NCBI GeneID	24223
NCBI Accession #	NP_036644.1

NCBI GenBank Nucleotide #	NM_012512.2
UniProt Accession #	P07151
Molecular Weight	13,720 Da
NCBI Official Full Name	beta-2-microglobulin
NCBI Official Synonym Full Names	beta-2 microglobulin
NCBI Official Symbol	B2m
NCBI Protein Information	beta-2-microglobulin; beta-2-microglobulin C-terminal fragment (55 AA)
UniProt Protein Name	Beta-2-microglobulin
UniProt Gene Name	B2m
UniProt Entry Name	B2MG_RAT

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/rat-elisa-kits/bmg-b2-mg-beta-2-microglobulin/278444>