

Beta-2-Microglobulin (b2M) ELISA Kit | b2M elisa kit

Monkey Beta-2-Microglobulin (b2M) ELISA Kit

CATALOG #
AAA68320

REACTIVITY
Rhesus monkey

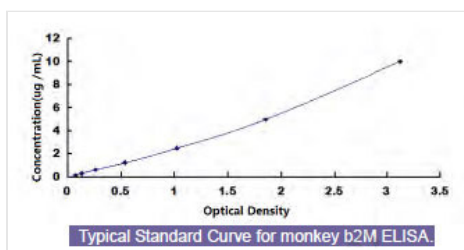
PRODUCT SYNONYMS

Beta-2-Microglobulin (b2M); Monkey Beta-2-Microglobulin (b2M) ELISA Kit; b2M elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rhesus monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of b2M. No significant cross-reactivity or interference between b2M and analogues was observed.
Sequence Length	119
Samples	Monkey serum, plasma, urine and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ug/mL
Sensitivity	<0.037ug/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level b2M were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level b2M were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for b2M elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of b2M in monkey serum, plasma,urine and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to b2M. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to b2M. 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 b2M, 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 b2M in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114051850
NCBI GeneID	712428
NCBI Accession #	NP_001040602.1
NCBI GenBank Nucleotide #	NM_001047137.1
UniProt Accession #	Q6V7J5
Molecular Weight	13,626 Da
NCBI Official Full Name	beta-2-microglobulin
NCBI Official Symbol	B2M
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/monkey-rhesus-monkey-elisa-kits/beta-2-microglobulin-b2m/68320>