

Rat beta2-microglobulin, BMG/beta2-MG ELISA Kit | BMG/beta2-MG elisa kit

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CATALOG #
AAA43283

REACTIVITY
Rat

PRODUCT SYNONYMS

beta2-microglobulin; BMG/beta2-MG; Rat beta2-microglobulin; BMG/beta2-MG ELISA Kit; BMG/beta2-MG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	116
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1?g/ml - 400?g/ml
Sensitivity	0.49?g/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMG/beta2-MG elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Beta 2-microglobulin (also known as ?2-MG) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ?2-MG antibody. ?2-MG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ?2-MG Antibody is added and binds to ?2-MG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ?2-MG antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat ?2-MG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4239740
UniProt Accession #	Q9YGI3
Molecular Weight	12,899 Da
NCBI Official Full Name	beta2-microglobulin
UniProt Protein Name	Beta-2-microglobulin
UniProt Gene Name	B2m-b3

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://stage.aaabiotech.com/rat-elisa-kits/beta2-microglobulin-bmg-beta2-mg/43283>