

Rat beta-2-microglobulin ELISA Kit | B2M elisa kit

Rat beta2-microglobulin, BMG/beta2-MG ELISA Kit

CATALOG #
AAA79618

REACTIVITY
Rat

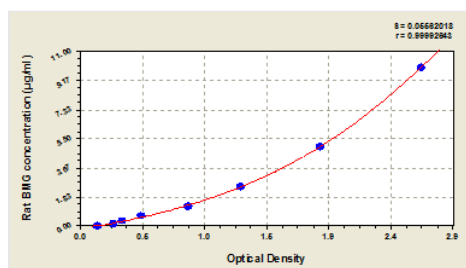
PRODUCT SYNONYMS

beta-2-microglobulin; Rat beta2-microglobulin; BMG/beta2-MG ELISA Kit; beta chain of MHC class I molecules; beta-2-microglobulin; B2M elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat BMG. No significant cross-reactivity or interference between rat BMG and analogues was observed.
Sequence Length	99
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, urine, tissue homogenates
Detection Range	0.156 ug/ml-10 ug/ml
Sensitivity	< 0.039 ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for B2M elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BMG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BMG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BMG is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of BMG bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114777
UniProt Accession #	P01885
Molecular Weight	11,654 Da
NCBI Official Full Name	Beta-2-microglobulin
UniProt Protein Name	Beta-2-microglobulin
UniProt Gene Name	B2M
UniProt Entry Name	B2MG_RABIT

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/b2m-rat-elisa-kits/beta-2-microglobulin/79618>