

Human Beta2-microglobulin ELISA Kit | B2M elisa kit

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CATALOG #
AAA99759

REACTIVITY
Human

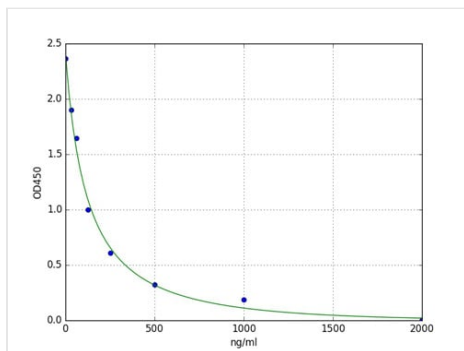
PRODUCT SYNONYMS

Beta2-microglobulin; Human Beta2-microglobulin ELISA Kit; BMG/b2-MG (Beta-2-Microglobulin)/B2M; B2M elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	116
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve
Results of a typical standard run of a Human BMG ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	31.25	62.5	125	250	500	1000	2000
Y	OD450	2.452	2.001	1.694	1.298	0.914	0.649	0.432	0.353

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for B2M elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human BMG. During the reaction, Human BMG in the sample or standard competes with a fixed amount of Human BMG on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Human BMG. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Human BMG in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

52421197

Molecular Weight	13,198 Da
NCBI Official Full Name	beta2-microglobulin
UniProt Protein Name	Beta-2-microglobulin
UniProt Gene Name	B2m
UniProt Entry Name	Q65XZ7_CTEID

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/b2m-human-elisa-kits/beta2-microglobulin/99759>