

Human Beta-2-microglobulin ELISA Kit | B2M elisa kit

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CATALOG #
AAA309961

REACTIVITY
Human

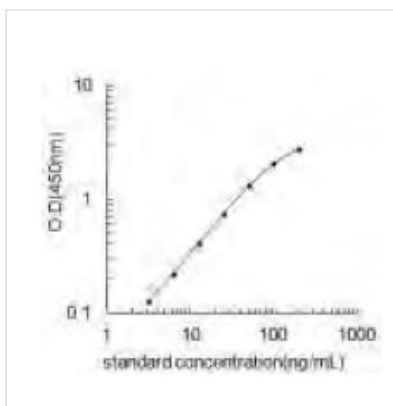
PRODUCT SYNONYMS

Beta-2-microglobulin; Human Beta-2-microglobulin ELISA Kit; B2M; CDABP0092; HDCMA22P; B2M elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural General target antigen. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Detection Range	3.12-200 ng/mL
Sensitivity	< 0.72 ng/mL
Intra-assay Precision	<=3.9%
Inter-assay Precision	<=7.4%
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for B2M elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antigen specific to target antibody. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antigen preparation specific for target antibody and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antibody biotin- conjugated antigen and enzyme-conjugated Avidin will exhibit a change in color. 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± 2 nm. The concentration of target antibody in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4757826
NCBI GeneID	567
NCBI Accession #	NP_004039.1
NCBI GenBank Nucleotide #	NM_004048.2
UniProt Accession #	P61769; P01884; Q540F8; Q6IAT8; Q9UCK0; Q9UD48; Q9UDF4
Molecular Weight	13,715 Da
NCBI Official Full Name	beta-2-microglobulin
NCBI Official Synonym Full Names	beta-2-microglobulin
NCBI Official Symbol	B2M
NCBI Official Synonym Symbols	IMD43
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.