

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

Bovine Beta-2-microglobulin ELISA Kit

CATALOG #
AAA190650

REACTIVITY
Bovine

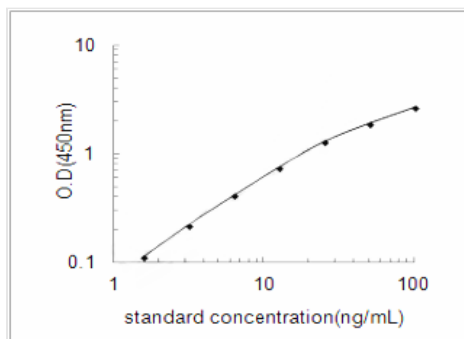
PRODUCT SYNONYMS

Beta-2-microglobulin; Bovine Beta-2-microglobulin ELISA Kit; Lactollin; B2M; B2M elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovineBeta-2-microglobulin. No significant cross-reactivity or interference was observed.
Sequence Length	118
Samples	serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.
Assay Type	Quantitative ELISA
Detection Range	1.56ng/mL -100ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for B2M elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination ofbovineBeta-2-microglobulinconcentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Beta-2-microglobulin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forBeta-2-microglobulin and 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 Beta-2-microglobulin, biotin-conjugated antibody 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 Beta-2-microglobulin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	41386683
NCBI GeneID	280729
NCBI Accession #	NP_776318.1
NCBI GenBank Nucleotide #	NM_173893.3
UniProt Accession #	P01888; Q148G6; Q56K05
Molecular Weight	13,677 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
UniProt Entry Name	B2MG_BOVIN

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-bovine-ovine-elisa-kits/beta-2-microglobulin/190650>