

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

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CATALOG #
AAA190633

REACTIVITY
Pig

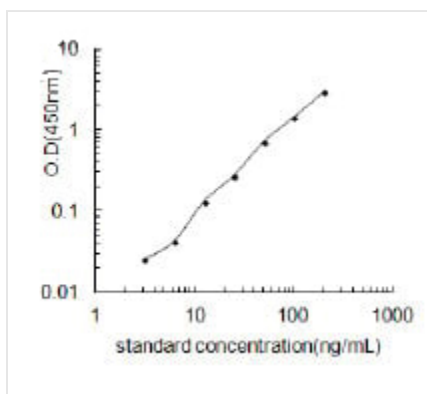
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	Recombinant and natural Pig Beta-2-microglobulin
Sequence Length	118
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	3.12ng/mL - 200 ng/mL
Sensitivity	<1.62 ng/mL
Intra-assay Precision	Intra-Assay CV: <=5.7%
Inter-assay Precision	Inter-Assay CV: <=8.4%
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 of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen 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 antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47522782
NCBI GeneID	397033
NCBI Accession #	NP_999143.1
NCBI GenBank Nucleotide #	NM_213978.1
UniProt Accession #	Q07717; Q8WN08
Molecular Weight	13,362 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_PIG

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-pig-elisa-kits/beta-2-microglobulin/190633>