

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

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

CATALOG # AAA15545	REACTIVITY Dog
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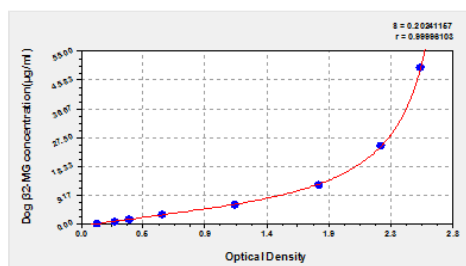
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog beta2-MG. No significant cross-reactivity or interference between dog beta2-MG and analogues was observed.
Sequence Length	42
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.78 ug/ml-50 ug/ml
Sensitivity	< 0.2 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 beta2-MG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any beta2-MG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for beta2-MG 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 beta2-MG bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114770
UniProt Accession #	P19341
Molecular Weight	4,842 Da
NCBI Official Full Name	Beta-2-microglobulin, partial
UniProt Protein Name	Beta-2-microglobulin
UniProt Gene Name	B2M
UniProt Entry Name	B2MG_CANFA

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-dog-elisa-kits/beta-2-microglobulin/15545>