

Chicken beta2 Microglobulin ELISA Kit | beta2-MG elisa kit

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CATALOG #
AAA90340

REACTIVITY
Chicken

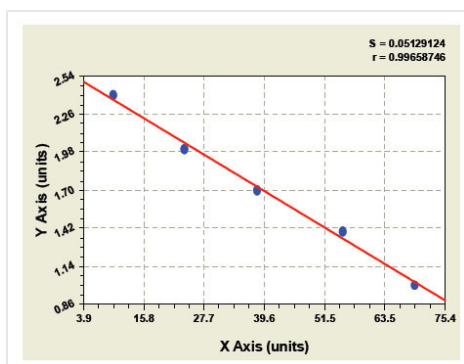
PRODUCT SYNONYMS

beta2 Microglobulin; Chicken beta2 Microglobulin ELISA Kit; Chicken b2 Microglobulin ELISA Kit; beta2-MG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This beta2-MG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken beta2-MG. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta2-MG elisa kit

Principle of the Assay: beta2-MG ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-beta2-MG antibody and an beta2-MG-HRP conjugate. The assay sample and buffer are incubated together with beta2-MG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the beta2-MG concentration since beta2-MG from samples and beta2-MG-HRP conjugate compete for the anti-beta2-MG antibody binding site. Since the number of sites is limited, as more sites are occupied by beta2-MG from the sample, fewer sites are left to bind beta2-MG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The beta2-MG concentration in each sample is interpolated from this standard curve.

Product Categories/Family for beta2-MG elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	290491208
NCBI GeneID	100379556
NCBI Accession #	NP_001166327.1
NCBI GenBank Nucleotide #	NM_001172856.1
NCBI Official Full Name	beta-2-microglobulin
NCBI Official Symbol	B2m
NCBI Protein Information	beta-2-microglobulin; beta2 microglobulin

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/beta2-mg-chicken-elisa-kits/beta2-microglobulin/90340>