

Mouse b Endorphin ELISA Kit | b-EP elisa kit

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CATALOG #
AAA92338

REACTIVITY
Mouse

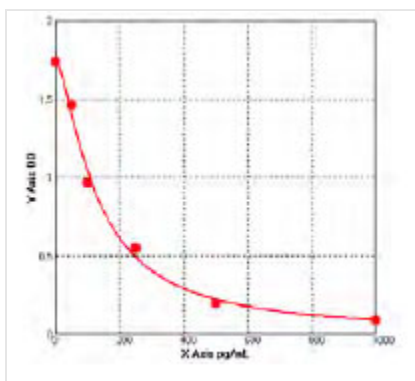
PRODUCT SYNONYMS

b Endorphin; Mouse b Endorphin ELISA Kit; Mouse b-EP ELISA Kit; b-EP ELISA Kit; b-EP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for b-EP elisa kit

Intended Uses: This beta2MG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine beta2MG. This ELISA kit for research use only!

Principle of the Assay: beta2MG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-beta2MG antibody and an beta2MG-HRP conjugate. The assay sample and buffer are incubated together with beta2MG-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 beta2MG concentration since beta2MG from samples and beta2MG-HRP conjugate compete for the anti-beta2MG antibody binding site. Since the number of sites is limited, as more sites are occupied by beta2MG from the sample, fewer sites are left to bind beta2MG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The beta2MG concentration in each sample is interpolated from this standard curve.

Product Categories/Family for b-EP
elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #

119332

NCBI Official Full Name

Beta-endorphin

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/b-ep-mouse-elisa-kits/b-endorphin/92338>