

Mouse Beta-endorphin ELISA Kit | BEP elisa kit

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CATALOG #
AAA310024

REACTIVITY
Mouse

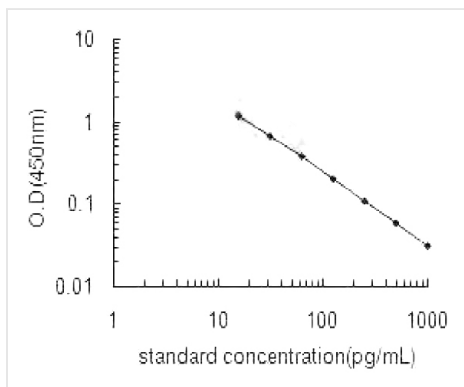
PRODUCT SYNONYMS

Beta-endorphin; Mouse Beta-endorphin ELISA Kit; BEP; BEP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural Mouse Beta- endorphin. No significant cross-reactivity or interference was observed.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Detection Range	15.6 pg/ml -1000 pg/ml
Sensitivity	< 10 pg/ml
Assay Time	3-5h
Sample Volume	100T
Detection Wavelength	450 nm
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BEP elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Beta- endorphin. During the reaction, Beta-endorphin in the sample or standard competes with a fixed amount of biotin-labeled Beta-endorphin for sites on a pre-coated Monoclonal antibody specific to Beta-endorphin. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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- endorphin in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Beta-endorphin concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119332
UniProt Accession #	P01203
Molecular Weight	3,438 Da
NCBI Official Full Name	Beta-endorphin
UniProt Protein Name	Beta-endorphin
UniProt Gene Name	POMC

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/bep-mouse-elisa-kits/beta-endorphin/310024>