

Chicken beta Endorphin ELISA Kit | beta-EP elisa kit

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CATALOG #
AAA92071

REACTIVITY
Chicken

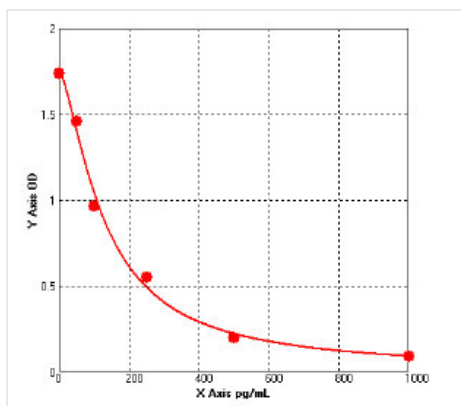
PRODUCT SYNONYMS

beta Endorphin; Chicken beta Endorphin ELISA Kit; Chicken b Endorphin ELISA Kit; beta-EP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of beta-EP. No significant cross-reactivity or interference between beta-EP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between beta-EP and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta-EP elisa kit	Intended Uses: This beta-EP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken beta-EP. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: beta-EP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-beta-EP antibody and an beta-EP-HRP conjugate. The assay sample and buffer are incubated together with beta-EP-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 beta-EP concentration since beta-EP from samples and beta-EP-HRP conjugate compete for the anti-beta-EP antibody binding site. Since the number of sites is limited, as more sites are occupied by beta-EP from the sample, fewer sites are left to bind beta-EP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The beta-EP concentration in each sample is interpolated from this standard curve.
Product Categories/Family for beta-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/beta-ep-chicken-elisa-kits/beta-endorphin/92071>