

Human beta Enkephalin ELISA Kit | beta ENK elisa kit

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CATALOG #
AAA87641

REACTIVITY
Human

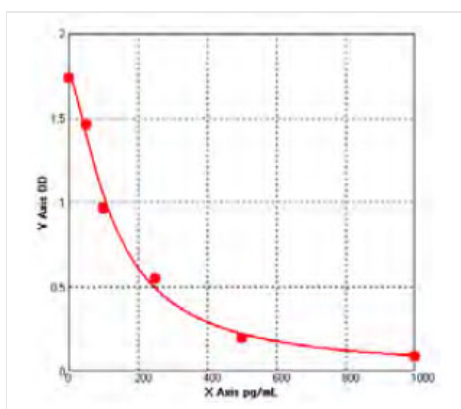
PRODUCT SYNONYMS

beta Enkephalin; Human beta Enkephalin ELISA Kit; Human b Enkephalin ELISA Kit; beta ENK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of betaENK. No significant cross-reactivity or interference between betaENK and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between betaENK and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Highest Standards	50ng/mL
Concentration of Standards	Concentration of Standards
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

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-enk-human-elisa-kits/beta-enkephalin/87641>