

Guinea Pig beta Endorphin ELISA Kit | beta-EP elisa kit

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CATALOG #
AAA86190

REACTIVITY
Guinea Pig

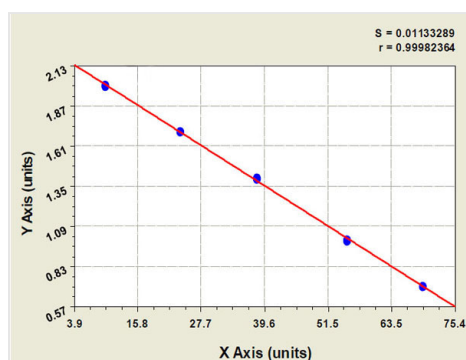
PRODUCT SYNONYMS

beta Endorphin; Guinea Pig beta Endorphin ELISA Kit; Guinea Pig b Endorphin ELISA Kit; beta-EP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This ?-EP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig ?-EP. 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 beta-EP elisa kit

Principle of the assay: ?-EP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-?-EP antibody and an ?-EP-HRP conjugate. The assay sample and buffer are incubated together with ?-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 ?-EP concentration since ?-EP from samples and ?-EP-HRP conjugate compete for the anti-?-EP antibody binding site. Since the number of sites is limited, as more sites are occupied by ?-EP from the sample, fewer sites are left to bind ?-EP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ?-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-guinea-pig-pig-elisa-kits/beta-endorphin/86190>