

Rat beta-EP ELISA Kit | beta-EP elisa kit

Rat beta-EP (Beta-Endorphin) ELISA Kit

CATALOG #
AAA163495

REACTIVITY
Rat

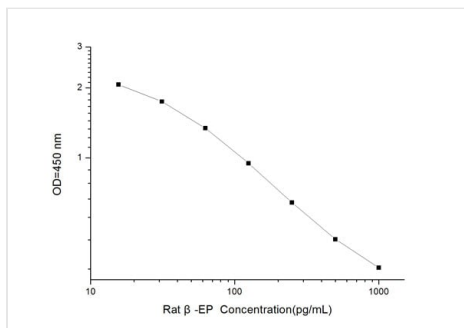
PRODUCT SYNONYMS

beta-EP; Rat beta-EP (Beta-Endorphin) ELISA Kit; beta-EP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat beta-EP. No significant cross-reactivity or interference between Rat 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 Rat beta-EP and all the analogues, therefore, cross reaction may still exist.
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta-EP elisa kit

Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of beta-EP in Rat serum, plasma and other biological fluids

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Rat beta-EP. During the reaction, Rat beta-EP in the sample or standard competes with a fixed amount of Rat beta-EP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat beta-EP. Excess conjugate and unbound sample or standard are washed from the plate, and 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 Rat beta-EP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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://www.aaabiotech.com/rat-elisa-kits/beta-ep/163495>