

Monkey alpha Endorphin ELISA Kit

Monkey alpha Endorphin ELISA Kit

CATALOG #
AAA247477

REACTIVITY
Monkey

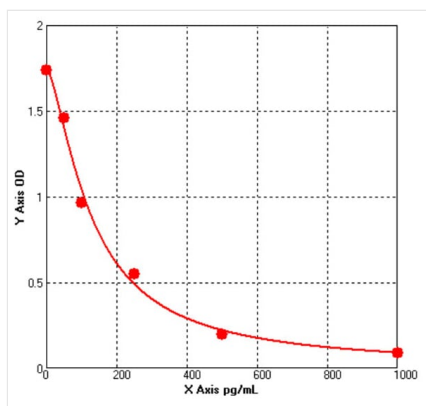
PRODUCT SYNONYMS

alpha Endorphin; Monkey alpha Endorphin ELISA Kit; alpha Endorphin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of aEP. No significant cross-reactivity or interference between aEP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between aEP 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
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monkey-elisa-kits/alpha-endorphin/247477>