

## Human beta-EP ELISA Kit | beta-EP elisa kit

Human beta-EP (Beta-Endorphin) ELISA Kit

CATALOG #  
**AAA163919**

REACTIVITY  
**Human**

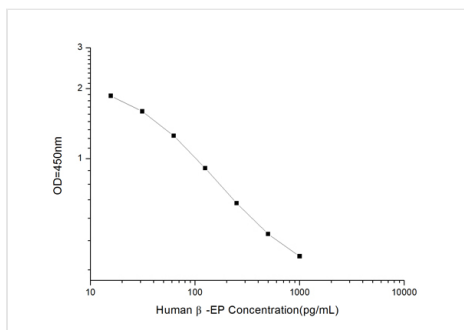
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                        |
| Specificity             | This kit recognizes natural and recombinant Human beta-EP. No significant cross-reactivity or interference between Human beta-EP and analogues was observed. |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                             |
| Assay Type              | Competitive                                                                                                                                                  |
| Detection Range         | 15.625-1000pg/mL                                                                                                                                             |
| Sensitivity             | Min: 9.375pg/mL; Max: 1000pg/mL                                                                                                                              |
| Intended Uses           | This ELISA kit applies to the in vitro quantitative determination of Human beta-EP concentrations in serum, plasma and other biological fluids.              |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for beta-EP elisa kit

**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 beta-EP. During the reaction, beta-EP in the sample or standard competes with a fixed amount of beta-EP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to 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 beta-EP in the samples is then determined by comparing the OD 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/beta-ep/163919>