

## Horse Beta-Endorphin, beta-EP ELISA Kit | beta-EP elisa kit

Horse Beta-Endorphin, beta-EP ELISA Kit

CATALOG #  
**AAA43471**

REACTIVITY  
**Horse**

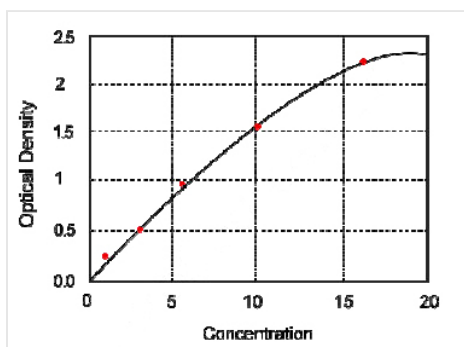
### PRODUCT SYNONYMS

Beta-Endorphin; beta-EP; Horse Beta-Endorphin; beta-EP ELISA Kit; beta-EP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Horse                                                                                                                                                                                            |
| Sequence Length         | 31                                                                                                                                                                                               |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 1ng/L - 400ng/L                                                                                                                                                                                  |
| Sensitivity             | 0.67ng/L                                                                                                                                                                                         |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Related Product Information for beta-EP elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Horse Beta-Endorphin (also known as beta-EP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.</p> <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Horse beta-EP antibody. beta-EP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Horse beta-EP Antibody is added and binds to beta-EP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated beta-EP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Horse beta-EP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
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NCBI AND UNIPROT INFORMATION

|                         |                |
|-------------------------|----------------|
| NCBI GI #               | 119332         |
| UniProt Accession #     | P01203         |
| Molecular Weight        | 3,438 Da       |
| NCBI Official Full Name | Beta-endorphin |
| UniProt Protein Name    | Beta-endorphin |
| UniProt Gene Name       | POMC           |

**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/horse-elisa-kits/beta-endorphin-beta-ep/43471>