



## Human bEP (beta-Endorphin) ELISA kit

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This kit applies competitive inhibition ELISA method for the quantitative detection of bEP (beta-Endorphin) in human samples. The microtiter plate provided in this kit has been pre-coated with Human bEP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human bEP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm  $\pm$ 10nm. The concentration of Human bEP in the samples is then determined by comparing the OD of the samples to the standard curve.

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| Catalog No.          | 3012405   |
| Size                 | 96-Wells  |
| Product Category     | ELISA (Quantitative)  |
| Reactivity           | Human   |
| Sample               | Serum; Plasma; Cerebrospinal Fluid; Other Biological Fluids |
| Assay Method         | Competitive Inhibition ELISA                                |
| Assay Duration       | 2 hours   |
| Sensitivity          | 4.55 pg/mL  |
| Standard Curve Range | 15.63-1000 pg/mL  |
| Storage/Stability    | -20°C/1 year; 4°C/6 months                                  |