

## Product Datasheet

# Mouse Beta-Endorphin (bEP) ELISA Kit (orb776270)

<b>Catalog Number</b>	orb776270
<b>Category</b>	Assays and Kits
<b>Description</b>	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Beta-Endorphin(bEP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Beta-Endorphin(bEP).
<b>Reactivity</b>	Mouse
<b>Concentration</b>	1000 pg/mL
<b>Tested applications</b>	ELISA
<b>Application notes</b>	standard: 1000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Mouse bEP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse bEP in the samples is then determined by comparing the OD of the samples to the standard curve
<b>Assay Type</b>	Competitive
<b>Assay Time</b>	2.5h
<b>Range</b>	15.63-1000 pg/mL
<b>Sensitivity</b>	4.78 pg/mL

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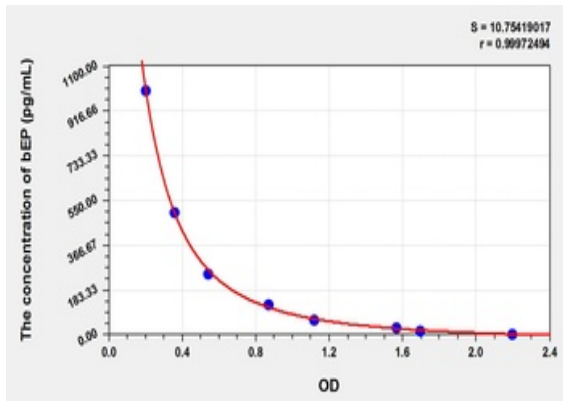
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**Sample Types** Serum, plasma and other biological fluids

**Note** For research use only

**Expiration Date** Please enquire.



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