

## Product Datasheet

### Mouse $\beta$ -EP(Beta-Endorphin) ELISA Kit (orb1807724)

<b>Description</b>	Mouse $\beta$ -EP(Beta-Endorphin) ELISA Kit
<b>Reactivity</b>	Mouse
<b>Range</b>	15.63-1000pg/mL
<b>Target</b>	$\beta$ -EP
<b>Note</b>	For research use only
<b>Application notes</b>	<p>This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Mouse <math>\beta</math>-EP. During the reaction, Mouse <math>\beta</math>-EP in the sample or standard competes with a fixed amount of Mouse <math>\beta</math>-EP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Mouse <math>\beta</math>-EP. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm <math>\pm</math> 2 nm. The concentration of Mouse <math>\beta</math>-EP in tested samples can be calculated by comparing the OD of the samples to the standard curve.</p>
<b>Sample Types</b>	serum, plasma, Tissue homogenate and Other biological samples
<b>Sensitivity</b>	9.38 pg/mL
<b>Expiration Date</b>	Please enquire.

