

## Product Datasheet

### Pig $\beta$ EP(Beta-Endorphin) ELISA Kit (orb1950175)

<b>Description</b>	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate pro...
<b>Reactivity</b>	Porcine
<b>Range</b>	15.63-1000 pg/mL
<b>Note</b>	For research use only
<b>Application notes</b>	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Pig <math>\beta</math>EP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig <math>\beta</math>EP. 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 <math>\pm</math> 10nm. The concentration of Pig <math>\beta</math>EP in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
<b>Sample Types</b>	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
<b>Sensitivity</b>	4.79 pg/mL
<b>Expiration Date</b>	Please enquire.