

## Product Datasheet

### Rat OB(Obestatin) ELISA Kit (orb1946791)

<b>Description</b>	Rat OB(Obestatin) ELISA Kit
<b>Reactivity</b>	Rat
<b>Range</b>	0.32-20ng/mL
<b>Target</b>	OB
<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 Rat OB. During the reaction, Rat OB in the sample or standard competes with a fixed amount of Rat OB on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat OB. 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 Rat OB 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>	0.19 ng/mL
<b>Expiration Date</b>	Please enquire.

