

## Product Datasheet

### Rat Glucagon (GC) ELISA Kit (orb1806839)

<b>Catalog Number</b>	orb1806839
<b>Category</b>	Assays and Kits
<b>Description</b>	Rat Glucagon (GC) ELISA Kit
<b>Target</b>	GC
<b>Reactivity</b>	Rat
<b>UniProt ID</b>	<b>G3V6P5</b>
<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 GC. Standards or samples are added to the appropriate micro ELISA plate wells then with a biotin-conjugated antibody specific to Rat GC. 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 Rat GC in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
<b>Assay Type</b>	Competitive
<b>Assay Time</b>	1.5H
<b>Standard</b>	4000pg/mL
<b>Range</b>	62.5-4000pg/mL
<b>Sensitivity</b>	37.50 pg/mL
<b>Sample Types</b>	serum, plasma, Tissue homogenate and Other biological samples

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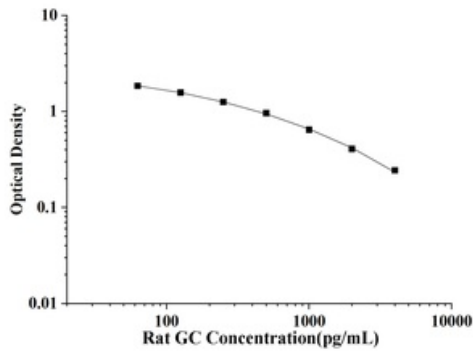
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**Note** For research use only

**Expiration Date** 6 months from date of receipt.



Standard curve for orb1806839 ELISA kit.

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