

## Product Datasheet

# Rat Luteinizing Hormone-Releasing Hormone (LHRH) ELISA Kit (orb1946810)

<b>Catalog Number</b>	orb1946810
<b>Category</b>	Assays and Kits
<b>Description</b>	Rat Luteinizing Hormone-Releasing Hormone (LHRH) ELISA Kit
<b>Target</b>	LHRH
<b>Reactivity</b>	Rat
<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 LHRH. Standards or samples are added to the appropriate micro ELISA plate wells then with a biotin-conjugated antibody specific to Rat LHRH. 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 LHRH 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>	200mIU/mL
<b>Range</b>	3.13-200mIU/mL
<b>Sensitivity</b>	1.88 mIU/mL
<b>Sample Types</b>	serum, plasma, Tissue homogenate and Other biological samples

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC**

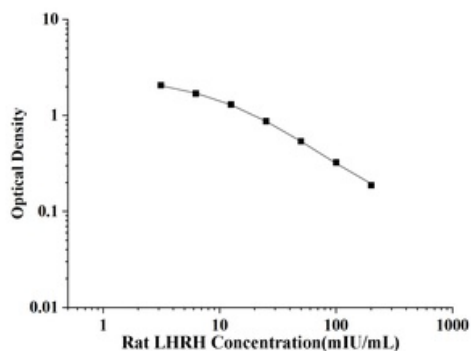
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Note** For research use only

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



Standard curve for orb1946810 ELISA kit.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)