

Product Datasheet

Rat Gonadotropin Releasing Hormone (GnRH) ELISA Kit (orb779304)

Catalog Number	orb779304
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Gonadotropin Releasing Hormone(GnRH) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Gonadotropin Releasing Hormone(GnRH).
Reactivity	Rat
Concentration	1000 pg/mL
UniProt ID	P07490
Tested applications	ELISA
Application notes	standard: 1000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat GnRH protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GnRH. 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 ± 10nm. The concentration of Rat GnRH in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2h

Biorbyt Ltd.

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

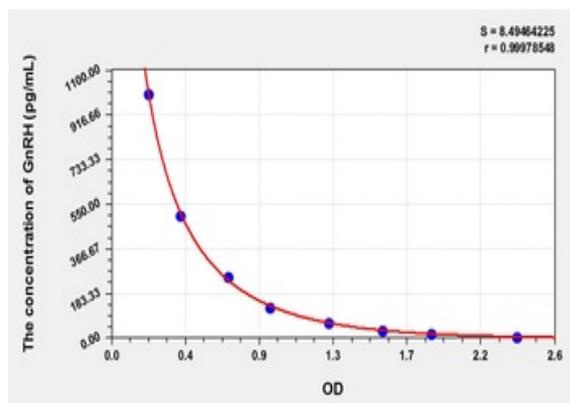
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

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

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Range	15.63-1000 pg/mL
Sensitivity	5.13 pg/mL
Sample Types	serum, plasma, cell lysates, cell culture supernates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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