

Product Datasheet

Rat Melatonin (MT) ELISA Kit (orb1736603)

Catalog Number	orb1736603
Category	Assays and Kits
Description	Rat Melatonin (MT) ELISA Kit
Target	MT
Reactivity	Rat
Concentration	500 pg/mL
Tested applications	ELISA
Application notes	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat MT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MT. 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 \pm 10nm. The concentration of Rat MT in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Assay Type	Competitive
Assay Time	2.5h
Standard	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.78 pg/mL

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

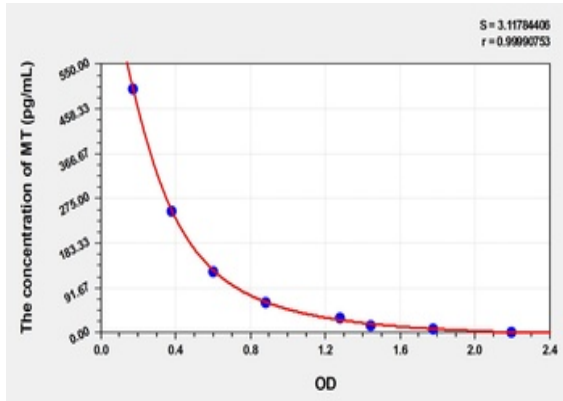
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

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)

Sample Types cell lysates and other biological fluids

Note For research use only

Expiration Date 6 months from date of receipt.



Standard curve for orb1736603 ELISA kit.

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