

Product Datasheet

Mouse Melatonin (MT) ELISA Kit (orb1807729)

Catalog Number	orb1807729
Category	Assays and Kits
Description	Mouse Melatonin (MT) ELISA Kit
Target	MT
Reactivity	Mouse
Application notes	<p>This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Mouse MT. During the reaction, Mouse MT in the sample or standard competes with a fixed amount of Mouse MT on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Mouse MT. 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 ± 2 nm. The concentration of Mouse MT in tested samples can be calculated by comparing the OD of the samples to the standard curve.</p>
Assay Type	Competitive
Assay Time	1.5H
Standard	500pg/mL
Range	7.81-500pg/mL
Sensitivity	4.69 pg/mL
Sample Types	serum, plasma, Tissue homogenate and Other biological samples

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)

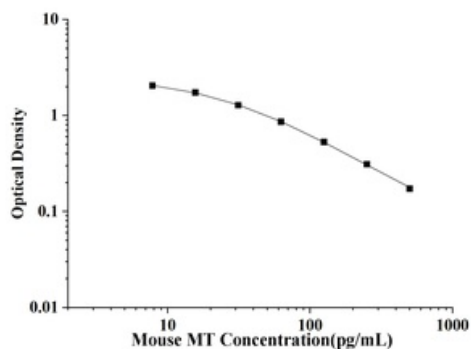
Biorbyt LLC

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)

Note For research use only

Expiration Date 6 months from date of receipt.

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NC 27713
United States

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