

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. Standards or samples are added to the appropriate micro ELISA plate wells then with a biotin-conjugated antibody specific to Mouse 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Mouse MT in the samples is then determined 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
Note	For research use only

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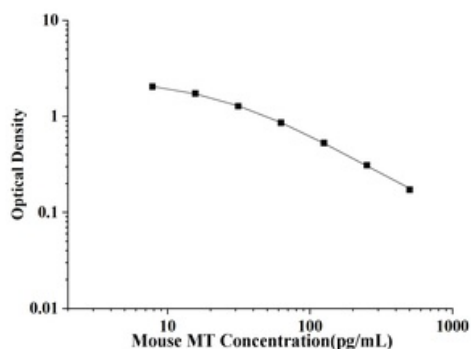
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Expiration Date 6 months from date of receipt.



Standard curve for orb1807729 ELISA kit.

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