

Product Datasheet

Human MTNR1A(Melatonin Receptor 1A) Microsample ELISA Kit (orb2998321)

Catalog Number	orb2998321
Category	Assays and Kits
Description	Human MTNR1A(Melatonin Receptor 1A) Microsample ELISA Kit
Reactivity	Human
UniProt ID	P48039
Application notes	<p>The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human MTNR1A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MTNR1A. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human MTNR1A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Human MTNR1A in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5h
Range	0.16-10 ng/mL
Sensitivity	0.058 ng/mL
Sample Types	tissue homogenates, cell lysates and other biological fluids

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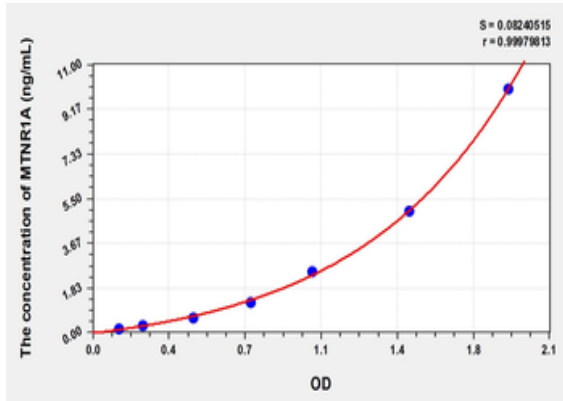
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Note For research use only

Expiration Date 6 months from date of receipt.



Standard curve for orb2998321 ELISA kit.

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