

Human Melatonin Receptor 1B (MTNR1B) RTU ELISA Kit | MTNR1B rtu elisa kit

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CATALOG #
AAA217209

REACTIVITY
Human

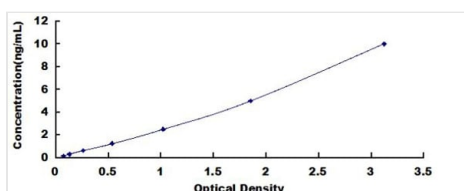
PRODUCT SYNONYMS

Melatonin Receptor 1B (MTNR1B); Human Melatonin Receptor 1B (MTNR1B) ELISA Kit; MT2; MEL-1B-R; MTNR1B rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	362
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MTNR1B rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MTNR1B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MTNR1B. 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 MTNR1B, 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 MTNR1B in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

5174595

NCBI GeneID	4544
NCBI Accession #	NP_005950.1
NCBI GenBank Nucleotide #	NM_005959.3
UniProt Accession #	P49286
Molecular Weight	40,188 Da
NCBI Official Full Name	melatonin receptor type 1B
NCBI Official Synonym Full Names	melatonin receptor 1B
NCBI Official Symbol	MTNR1B
NCBI Official Synonym Symbols	MT2; FGQTL2; MEL-1B-R
NCBI Protein Information	melatonin receptor type 1B
UniProt Protein Name	Melatonin receptor type 1B
UniProt Gene Name	MTNR1B
UniProt Synonym Gene Names	Mel-1B-R; Mel1b receptor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/melatonin-receptor-1b-mtnr1b/217209>