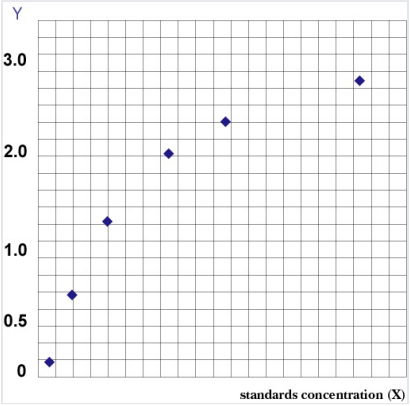
Melatonin (MT) ELISA Kit for Rat

PRODUCT OVERVIEW

Product Name	Melatonin (MT), ELISA Kit
Full Product Name	Rat Melatonin (MT) ELISA Kit
Product Gene Name	MT elisa kit
Species Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernate and other biological fluids
Detection Range	5 pg/ml-80 pg/ml
Sensitivity	0.1 pg/ml
Production Time	Due to severe delay and raw materials shortage, production time may takes between 5-8 weeks.
Related Product Information for MT elisa kit	Intended Use: The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration ofMTin the sample, This MTELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versusMTconcentration. The concentration ofMTin the samples is then determined by comparing the O.D. of the samples to the standard curve.
Other Notes	Small volumes of MT elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MT purchase	MBS3808342 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Melatonin (MT) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing MT. The ELISA analytical biochemical technique of the MBS3808342 kit is based on MT antibody-MT antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect MT antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, MT. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of MT elisa kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/rat-elisa-kits/melatonin-mt/3808342