

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Human Melatonin (MT) ELISA Kit Preis auf Anfrage BYT-ORB1807330

Article Name	Human Melatonin (MT) ELISA Kit Preis auf Anfrage
Biozol Catalog Number	BYT-ORB1807330
Supplier Catalog Number	orb1807330
Alternative Catalog Number	BYT-ORB1807330-24,BYT-ORB1807330-48,BYT-ORB1807330-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Melatonin (MT) ELISA Kit...
Range	15.63-1000pg/mL
Sensitivity	5.47 pg/mL
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	MT

Application Notes

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human MT. During the reaction, Human MT in the sample or standard competes with a fixed amount of Human MT on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human 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  $\pm$  2 nm. The concentration of Human MT in tested samples can be calculated by comparing the OD of the samples to the standard curve