

Product Datasheet

Duck Melatonin (MT) ELISA Kit (orb782574)

Catalog Number	orb782574
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Melatonin(MT) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Melatonin(MT).
Reactivity	Duck
Concentration	1000 pg/mL
Tested applications	ELISA
Application notes	standard: 1000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Duck MT protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Duck 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 450nm $\pm$ 10nm. The concentration of Duck MT in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2.5h
Range	15.63-1000 pg/mL
Sensitivity	4.92 pg/mL
Sample Types	serum, plasma and other biological fluids

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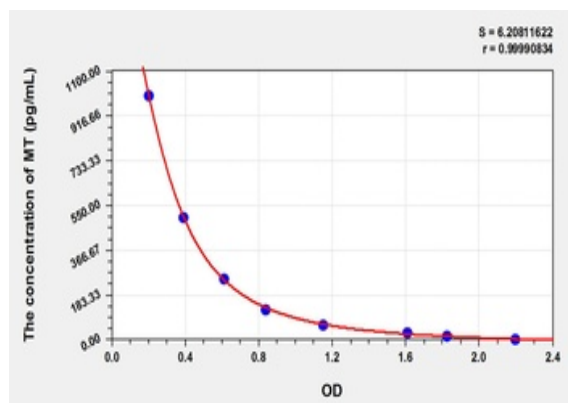
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Note

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