

Product Datasheet

Duck MT(Melatonin) ELISA Kit (orb1946586)

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| Description | Duck MT(Melatonin) ELISA Kit |
| Reactivity | Duck |
| Range | 15.63-1000 pg/mL |
| Target | MT |
| Note | For research use only |
| Application notes | 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). 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 ± 10nm. The concentration of Melatonin(MT) in the samples is then determined by comparing the OD of the samples to the standard curve. |
| Sample Types | serum, plasma and other biological fluids |
| Sensitivity | 4.94 pg/mL |
| Expiration Date | Please enquire. |

