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Product Datasheet

Human MT(Melatonin) ELISA Kit EBT-ELK9164

Artikelname	Human MT(Melatonin) ELISA Kit
Artikelnummer	EBT-ELK9164
Hersteller Artikelnummer	ELK9164
Alternativnummer	EBT-ELK9164-96, EBT-ELK9164-48, EBT-ELK9164-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	300 pg/mL
Detektionsbereich	4.69-300 pg/mL
Sensitivitaet	2.4 pg/mL
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human MT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MT. 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 Human MT, 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 10nm. The concentration of Human MT in the samples is then determined by comparing the OD of the samples to the standard curve
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