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Product Datasheet

Rat MT(Melatonin) ELISA Kit EBT-ELK0721

Artikelname	Rat MT(Melatonin) ELISA Kit
Artikelnummer	EBT-ELK0721
Hersteller Artikelnummer	ELK0721
Alternativnummer	EBT-ELK0721-96, EBT-ELK0721-48, EBT-ELK0721-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	500 pg/mL
Detektionsbereich	7.82-500 pg/mL
Sensitivitaet	2.78 pg/mL
Proben	cell lysates and other biological fluids

Anwendungsbeschreibung

Assay Type: Competitive Inhibition. Assay length: 2.5h. Research Area: Endocrinology,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat MT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat MT in the samples is then determined by comparing the OD of the samples to the standard curve