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## Product Datasheet

### Sheep MT(Melatonin) ELISA Kit EBT-ELK0605

Artikelname	Sheep MT(Melatonin) ELISA Kit
Artikelnummer	EBT-ELK0605
Hersteller Artikelnummer	ELK0605
Alternativnummer	EBT-ELK0605-96, EBT-ELK0605-48, EBT-ELK0605-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Sheep
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	5.14 pg/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

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