

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

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

Article Name	Sheep MT(Melatonin) ELISA Kit
Biozol Catalog Number	EBT-ELK0605
Supplier Catalog Number	ELK0605
Alternative Catalog Number	EBT-ELK0605-96, EBT-ELK0605-48, EBT-ELK0605-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Sheep
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	5.14 pg/mL
Samples	serum, plasma and other biological fluids

Application Notes

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