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Product Datasheet

Rat GH(Growth Hormone) ELISA Kit EBT-ELK7883

Article Name	Rat GH(Growth Hormone) ELISA Kit
Biozol Catalog Number	EBT-ELK7883
Supplier Catalog Number	ELK7883
Alternative Catalog Number	EBT-ELK7883-96,EBT-ELK7883-48,EBT-ELK7883-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.054 ng/mL
UniProt	P01244
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology, Neuro science, Hormone metabolism,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been precoated with an antibody specific to Rat GH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GH. 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 Rat GH, 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 Rat GH in the samples is then determined by comparing the OD of the samples to the standard curve