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## Product Datasheet

### Mouse GH(Growth Hormone) ELISA Kit EBT-ELK7884

Article Name	Mouse GH(Growth Hormone) ELISA Kit
Biozol Catalog Number	EBT-ELK7884
Supplier Catalog Number	ELK7884
Alternative Catalog Number	EBT-ELK7884-96,EBT-ELK7884-48,EBT-ELK7884-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	33 pg/mL
UniProt	<a href="#">P06880</a>
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 Mouse GH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse GH in the samples is then determined by comparing the OD of the samples to the standard curve