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Product Datasheet

Mouse MYOG(Myogenin) ELISA Kit EBT-ELK4228

Article Name	Mouse MYOG(Myogenin) ELISA Kit
Biozol Catalog Number	EBT-ELK4228
Supplier Catalog Number	ELK4228
Alternative Catalog Number	EBT-ELK4228-96, EBT-ELK4228-48, EBT-ELK4228-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.112 ng/mL
UniProt	P12979
Samples	Tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Cardiovascular biology, Developmental science, Bone metabolism, . Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse MYOG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse MYOG. 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 MYOG, 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 MYOG in the samples is then determined by comparing the OD of the samples to the standard curve