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Product Datasheet

Human CAPZb(Capping Protein Muscle Z Line Beta) ELISA Kit EBT-ELK3507

Article Name	Human CAPZb(Capping Protein Muscle Z Line Beta) ELISA Kit
Biozol Catalog Number	EBT-ELK3507
Supplier Catalog Number	ELK3507
Alternative Catalog Number	EBT-ELK3507-96, EBT-ELK3507-48, EBT-ELK3507-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.06 ng/mL
UniProt	P47756
Samples	Tissue homogenates, cell Lysates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway,. 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 Human CAPZb. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CAPZb. 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 Human CAPZb, 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 Human CAPZb in the samples is then determined by comparing the OD of the samples to the standard curve