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Product Datasheet

Mouse AGC(Aggrecan) ELISA Kit EBT-ELK10512

Article Name	Mouse AGC(Aggrecan) ELISA Kit
Biozol Catalog Number	EBT-ELK10512
Supplier Catalog Number	ELK10512
Alternative Catalog Number	EBT-ELK10512-96, EBT-ELK10512-96X5, EBT-ELK10512-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	20 µg/mL
Range	0.32-20 µg/mL
Sensitivity	0.132 µg/mL
UniProt	Q61282
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

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