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Product Datasheet

Rat RUNX2(Runt Related Transcription Factor 2) ELISA Kit EBT-ELK10898

Article Name	Rat RUNX2(Runt Related Transcription Factor 2) ELISA Kit
Biozol Catalog Number	EBT-ELK10898
Supplier Catalog Number	ELK10898
Alternative Catalog Number	EBT-ELK10898-96, EBT-ELK10898-96X5, EBT-ELK10898-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.13 ng/mL
UniProt	Q9Z2J9
Samples	Tissue homogenates, cell lysates 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 Rat RUNX2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat RUNX2. 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 RUNX2, 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 RUNX2 in the samples is then determined by comparing the OD of the samples to the standard curve