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## Product Datasheet

### Mouse BMP1(Bone Morphogenetic Protein 1) ELISA Kit EBT-ELK1909

Article Name	Mouse BMP1(Bone Morphogenetic Protein 1) ELISA Kit
Biozol Catalog Number	EBT-ELK1909
Supplier Catalog Number	ELK1909
Alternative Catalog Number	EBT-ELK1909-96, EBT-ELK1909-48, EBT-ELK1909-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	29 pg/mL
UniProt	<a href="#">P98063</a>
Samples	serum, plasma, tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Developmental science,. 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 BMP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse BMP1. 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 BMP1, 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 BMP1 in the samples is then determined by comparing the OD of the samples to the standard curve