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## Product Datasheet

### Rat BMPR1A(Bone Morphogenetic Protein Receptor 1A) ELISA Kit EBT-ELK1407

Article Name	Rat BMPR1A(Bone Morphogenetic Protein Receptor 1A) ELISA Kit
Biozol Catalog Number	EBT-ELK1407
Supplier Catalog Number	ELK1407
Alternative Catalog Number	EBT-ELK1407-96, EBT-ELK1407-48, EBT-ELK1407-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	50 ng/mL
Range	0.79-50 ng/mL
Sensitivity	0.24 ng/mL
UniProt	<a href="#">Q78EA7</a>
Samples	Tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, CD & Adhesion molecule,. 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 BMPR1A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat BMPR1A. 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 BMPR1A, 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 BMPR1A in the samples is then determined by comparing the OD of the samples to the standard curve