

Product Datasheet

Pig Bone Morphogenetic Protein 2 (BMP2) ELISA Kit (orb779804)

Catalog Number	orb779804
Category	Assays and Kits
Description	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 Bone Morphogenetic Protein 2(BMP2).
Reactivity	Porcine
Concentration	10 ng/mL
Tested applications	ELISA
Application notes	standard: 2000 pg/mL. 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 Pig BMP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig BMP2. 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 Pig BMP2, 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 \pm 10nm. The concentration of Pig BMP2 in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h
Range	31.25-2000 pg/mL

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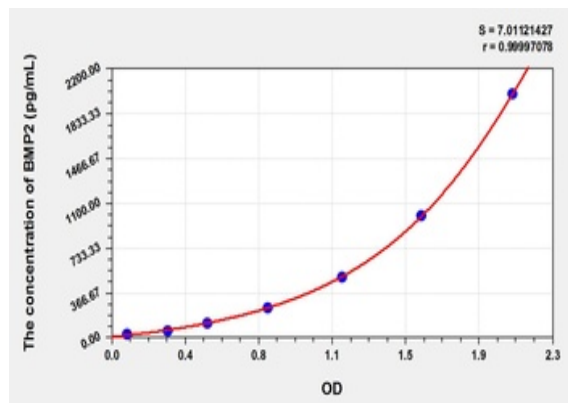
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Sensitivity	13.1 pg/mL
Sample Types	Serum, plasma, tissue homogenates and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.

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