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## Product Datasheet

### Simian BMP5(Bone Morphogenetic Protein 5) ELISA Kit BYT-ORB3126957

Artikelname	Simian BMP5(Bone Morphogenetic Protein 5) ELISA Kit
Artikelnummer	BYT-ORB3126957
Hersteller Artikelnummer	orb3126957
Alternativnummer	BYT-ORB3126957-48, BYT-ORB3126957-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Primate
Produktbeschreibung	Simian BMP5(Bone Morphogenetic Protein 5) ELISA Kit...
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	5.1 pg/mL
Proben	Serum, plasma, tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Application Notes: 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 Simian BMP5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian BMP5. 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 Simian BMP5, 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 Simian BMP5 in the samples is then determined by comparing the OD of the samples to the standard curve