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## Product Datasheet

### General Transforming Growth Factor Beta 1 (TGF-beta1) ELISA Kit BYT-ORB1806563

Article Name	General Transforming Growth Factor Beta 1 (TGF-beta1) ELISA Kit
Biozol Catalog Number	BYT-ORB1806563
Supplier Catalog Number	orb1806563
Alternative Catalog Number	BYT-ORB1806563-48,BYT-ORB1806563-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Transforming Growth Factor Beta 1 (TGF-beta1) ELISA Kit...
Range	31.25-2000pg/mL
Sensitivity	18.75 pg/mL
UniProt	<a href="#">P01137</a>
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Target	TGF-b1

Application Notes

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 TransformingGrowth Factor Beta 1(TGF-b1). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to TransformingGrowth Factor Beta 1(TGF-b1). 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 TransformingGrowth Factor Beta 1(TGF-b1), 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 TransformingGrowth Factor Beta 1(TGF-b1) in the samples is then determined by comparing the OD of the samples to the standard curve