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Product Datasheet

Rat Vitamin D Binding Protein (DBP) ELISA Kit BYT-ORB1947236

Article Name	Rat Vitamin D Binding Protein (DBP) ELISA Kit
Biozol Catalog Number	BYT-ORB1947236
Supplier Catalog Number	orb1947236
Alternative Catalog Number	BYT-ORB1947236-48,BYT-ORB1947236-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Vitamin D Binding Protein (DBP) ELISA Kit...
Range	15.63-1000ng/mL
Sensitivity	9.38 ng/mL
UniProt	P16443
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	DBP

Application Notes	Application Notes: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat DBP. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat DBP and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat DBP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm. The OD value is proportional to the concentration of Rat DBP. You can calculate the concentration of Rat DBP in the samples by comparing the OD of the samples to the standard curve
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