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Product Datasheet

Human Deoxypyridinoline (DPD) ELISA Kit BYT-ORB1807115

Article Name	Human Deoxypyridinoline (DPD) ELISA Kit
Biozol Catalog Number	BYT-ORB1807115
Supplier Catalog Number	orb1807115
Alternative Catalog Number	BYT-ORB1807115-48,BYT-ORB1807115-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Deoxypyridinoline (DPD) ELISA Kit...
Range	3.13-200ng/mL
Sensitivity	1.21 ng/mL
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	DPD

Application Notes	Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human DPD. During the reaction, Human DPD in the sample or standard competes with a fixed amount of Human DPD on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human DPD. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Human DPD in tested samples can be calculated by comparing the OD of the samples to the standard curve
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