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## Product Datasheet

### Human Deoxypyridinoline (DPD) ELISA Kit BYT-ORB1807115

Artikelname	Human Deoxypyridinoline (DPD) ELISA Kit
Artikelnummer	BYT-ORB1807115
Hersteller Artikelnummer	orb1807115
Alternativnummer	BYT-ORB1807115-48,BYT-ORB1807115-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Produktbeschreibung	Human Deoxypyridinoline (DPD) ELISA Kit...
Detektionsbereich	3.13-200ng/mL
Sensitivitaet	1.21 ng/mL
Proben	serum, plasma, Tissue homogenate and Other biological samples
Target-Kategorie	DPD

Anwendungsbeschreibung

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