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## Product Datasheet

### Human VB1(Vitamin B1) ELISA Kit EBT-ELK11265

Artikelname	Human VB1(Vitamin B1) ELISA Kit
Artikelnummer	EBT-ELK11265
Hersteller Artikelnummer	ELK11265
Alternativnummer	EBT-ELK11265-96, EBT-ELK11265-48, EBT-ELK11265-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	300 ng/mL
Detektionsbereich	4.69-300 ng/mL
Sensitivitaet	1.63 ng/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Nutrition metabolism, Hormone metabolism,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human VB1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human VB1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Human VB1 in the samples is then determined by comparing the OD of the samples to the standard curve