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## Product Datasheet

### VB2(Vitamin B2) ELISA Kit EBT-ELK8266

Article Name	VB2(Vitamin B2) ELISA Kit
Biozol Catalog Number	EBT-ELK8266
Supplier Catalog Number	ELK8266
Alternative Catalog Number	EBT-ELK8266-96,EBT-ELK8266-48,EBT-ELK8266-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	600 ng/mL
Range	9.38-600 ng/mL
Sensitivity	2.45 ng/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

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 VB2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to VB2. 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 VB2 in the samples is then determined by comparing the OD of the samples to the standard curve