

## Product Datasheet

### VB2(Vitamin B2) ELISA Kit (orb1806558)

**Description** VB2(Vitamin B2) ELISA Kit

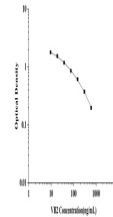
**Reactivity** All

**Range** 9.38-600 ng/mL

**Target** VB2

**Note** For research use only

**Application notes** This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Vitamin B2(VB2) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Vitamin B2(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  $\pm$  10nm. The concentration of Vitamin B2(VB2) in the samples is then determined by comparing the OD of the samples to the standard curve.



**Sample Types** serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

**Sensitivity** 2.55 ng/mL

**Expiration Date** Please enquire.