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## Product Datasheet

### General Vitamin K1 (VK1) ELISA Kit BYT-ORB781971

Artikelname	General Vitamin K1 (VK1) ELISA Kit
Artikelnummer	BYT-ORB781971
Hersteller Artikelnummer	orb781971
Alternativnummer	BYT-ORB781971-48, BYT-ORB781971-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	All
Produktbeschreibung	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Vitamin K1(VK1) protein. Standards or samples are added to the appropriate microtiter plate wells then with...
Konzentration	10000 pg/mL
Detektionsbereich	156.25-10000 pg/mL
Sensitivitaet	51.5 pg/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 10000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with VK1 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to VK1. 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 VK1 in the samples is then determined by comparing the OD of the samples to the standard curve