

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Human Diacylglycerol kinase Alpha (DGKA) ELISA Kit BYT-ORB782631

Article Name	Human Diacylglycerol kinase Alpha (DGKA) ELISA Kit
Biozol Catalog Number	BYT-ORB782631
Supplier Catalog Number	orb782631
Alternative Catalog Number	BYT-ORB782631-48, BYT-ORB782631-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Dgka(Diacylglycerol kinase alpha)....
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.064 ng/mL
UniProt	<a href="#">P23743</a>
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

Application Notes: standard: 10 ng/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human DGKA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human DGKA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human DGKA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 DGKA in the samples is then determined by comparing the OD of the samples to the standard curve