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## Product Datasheet

### Human Pyruvate Kinase, Liver and RBC (PK) ELISA Kit BYT-ORB776064

Article Name	Human Pyruvate Kinase, Liver and RBC (PK) ELISA Kit
Biozol Catalog Number	BYT-ORB776064
Supplier Catalog Number	orb776064
Alternative Catalog Number	BYT-ORB776064-48, BYT-ORB776064-96
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 Pyruvate Kinase, Liver And RBC(PK)....
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.6 ng/mL
UniProt	<a href="#">P30613</a>
Samples	plasma

Application Notes

Application Notes: standard: 100 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 PK. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PK. 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 PK, 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 PK in the samples is then determined by comparing the OD of the samples to the standard curve