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## Product Datasheet

### Human Interleukin 12 p40 (IL-12p40) ELISA Kit BYT-ORB776127

Article Name	Human Interleukin 12 p40 (IL-12p40) ELISA Kit
Biozol Catalog Number	BYT-ORB776127
Supplier Catalog Number	orb776127
Alternative Catalog Number	BYT-ORB776127-48, BYT-ORB776127-96
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 Interleukin 12B(IL12B)....
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.8 pg/mL
UniProt	<a href="#">P29460</a>
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Application Notes

Application Notes: standard: 500 pg/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 IL-12p40. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human IL-12p40. 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 IL-12p40, 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 IL-12p40 in the samples is then determined by comparing the OD of the samples to the standard curve