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Product Datasheet

Human Carnosine Dipeptidase 1 (CNDP1) ELISA Kit BYT-ORB776992

Article Name	Human Carnosine Dipeptidase 1 (CNDP1) ELISA Kit
Biozol Catalog Number	BYT-ORB776992
Supplier Catalog Number	orb776992
Alternative Catalog Number	BYT-ORB776992-48, BYT-ORB776992-96
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 Carnosine Dipeptidase 1(CNDP1)....
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.062 ng/mL
UniProt	Q96KN2
Samples	Serum, plasma, cerebrospinal fluid 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 CNDP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CNDP1. 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 CNDP1, 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 CNDP1 in the samples is then determined by comparing the OD of the samples to the standard curve