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## Product Datasheet

### Human Carboxypeptidase E (CPE) ELISA Kit BYT-ORB776996

Artikelname	Human Carboxypeptidase E (CPE) ELISA Kit
Artikelnummer	BYT-ORB776996
Hersteller Artikelnummer	orb776996
Alternativnummer	BYT-ORB776996-48, BYT-ORB776996-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
Produktbeschreibung	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 Carboxypeptidase E(CPE)....
Konzentration	40 ng/mL
Detektionsbereich	0.63-40 ng/mL
Sensitivitaet	0.242 ng/mL
UniProt	<a href="#">P16870</a>
Proben	Tissue homogenates, cell lysates and other biological fluids.

Anwendungsbeschreibung

Application Notes: standard: 40 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 CPE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CPE. 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 CPE, 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 CPE in the samples is then determined by comparing the OD of the samples to the standard curve