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Product Datasheet

Human Tight Junction Protein 1 (TJP1) ELISA Kit BYT-ORB776893

Artikelname	Human Tight Junction Protein 1 (TJP1) ELISA Kit
Artikelnummer	BYT-ORB776893
Hersteller Artikelnummer	orb776893
Alternativnummer	BYT-ORB776893-48, BYT-ORB776893-96
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 Tight Junction Protein 1(TJP1)....
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.061 ng/mL
UniProt	Q07157
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

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 TJP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TJP1. 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 TJP1, 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 TJP1 in the samples is then determined by comparing the OD of the samples to the standard curve