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Product Datasheet

Human CA5B(Carbonic Anhydrase VB, Mitochondrial) ELISA Kit EBT-ELK3829

Artikelname	Human CA5B(Carbonic Anhydrase VB, Mitochondrial) ELISA Kit
Artikelnummer	EBT-ELK3829
Hersteller Artikelnummer	ELK3829
Alternativnummer	EBT-ELK3829-96, EBT-ELK3829-48, EBT-ELK3829-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.058 ng/mL
UniProt	Q9Y2D0
Proben	Serum, plasma and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase,. 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 CA5B. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CA5B. 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 CA5B, 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 CA5B in the samples is then determined by comparing the OD of the samples to the standard curve