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## Product Datasheet

### Human CA12(Carbonic Anhydrase XII) ELISA Kit EBT-ELK4269

Artikelname	Human CA12(Carbonic Anhydrase XII) ELISA Kit
Artikelnummer	EBT-ELK4269
Hersteller Artikelnummer	ELK4269
Alternativnummer	EBT-ELK4269-96, EBT-ELK4269-48, EBT-ELK4269-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	6.5 pg/mL
UniProt	<a href="#">O43570</a>
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates 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 CA12. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CA12. 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 CA12, 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 CA12 in the samples is then determined by comparing the OD of the samples to the standard curve