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Product Datasheet

Human CST7(Cystatin-F) Microsample ELISA Kit EBT-ELK10031MS

Artikelname	Human CST7(Cystatin-F) Microsample ELISA Kit
Artikelnummer	EBT-ELK10031MS
Hersteller Artikelnummer	ELK10031MS
Alternativnummer	EBT-ELK10031MS-96, EBT-ELK10031MS-48, EBT-ELK10031MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	40 ng/mL
Detektionsbereich	0.625-40 ng/mL
Sensitivitaet	0.152 ng/mL
UniProt	O76096
Proben	Serum, plasma, cell culture supernates

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cell Biology. 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 CST7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CST7. 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 CST7, 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 CST7 in the samples is then determined by comparing the OD of the samples to the standard curve