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## Product Datasheet

### Human CFTR(Cystic Fibrosis Transmembrane Conductance Regulator) ELISA Kit EBT-ELK2973

Artikelname	Human CFTR(Cystic Fibrosis Transmembrane Conductance Regulator) ELISA Kit
Artikelnummer	EBT-ELK2973
Hersteller Artikelnummer	ELK2973
Alternativnummer	EBT-ELK2973-96, EBT-ELK2973-48, EBT-ELK2973-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.06 ng/mL
UniProt	<a href="#">P13569</a>
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

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