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Product Datasheet

Human MUC5AC(Mucin 5 Subtype AC) ELISA Kit EBT-ELK2098

Article Name	Human MUC5AC(Mucin 5 Subtype AC) ELISA Kit
Biozol Catalog Number	EBT-ELK2098
Supplier Catalog Number	ELK2098
Alternative Catalog Number	EBT-ELK2098-96, EBT-ELK2098-48, EBT-ELK2098-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	30 pg/mL
UniProt	P98088
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Infection immunity, Endocrinology, Pulmonology,. 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 MUC5AC. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MUC5AC. 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 MUC5AC, 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 MUC5AC in the samples is then determined by comparing the OD of the samples to the standard curve