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## Product Datasheet

### Rat MUC5AC(Mucin 5 Subtype AC) Microsample ELISA Kit EBT-ELK2751MS

Artikelname	Rat MUC5AC(Mucin 5 Subtype AC) Microsample ELISA Kit
Artikelnummer	EBT-ELK2751MS
Hersteller Artikelnummer	ELK2751MS
Alternativnummer	EBT-ELK2751MS-96, EBT-ELK2751MS-48, EBT-ELK2751MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.112 ng/mL
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

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 Rat MUC5AC. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat MUC5AC in the samples is then determined by comparing the OD of the samples to the standard curve