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Product Datasheet

Rat SPB(Surfactant Associated Protein B) ELISA Kit EBT-ELK6008

Artikelname	Rat SPB(Surfactant Associated Protein B) ELISA Kit
Artikelnummer	EBT-ELK6008
Hersteller Artikelnummer	ELK6008
Alternativnummer	EBT-ELK6008-96, EBT-ELK6008-48, EBT-ELK6008-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.054 ng/mL
UniProt	P22355
Proben	tissue homogenates, cell lysates, lung lavage fluid and other biological fluids

Anwendungsbeschreibung

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