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Product Datasheet

Rat SPD(Surfactant Associated Protein D) ELISA Kit EBT-ELK11147

Artikelname	Rat SPD(Surfactant Associated Protein D) ELISA Kit
Artikelnummer	EBT-ELK11147
Hersteller Artikelnummer	ELK11147
Alternativnummer	EBT-ELK11147-96, EBT-ELK11147-48, EBT-ELK11147-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.065 ng/mL
UniProt	P35248
Proben	Serum, plasma, lung lavage fluid and other biological fluids

Anwendungsbeschreibung

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