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Product Datasheet

Mouse LL-37(Antibacterial Protein LL-37) Microsample ELISA Kit EBT-ELK7205MS

Artikelname	Mouse LL-37(Antibacterial Protein LL-37) Microsample ELISA Kit
Artikelnummer	EBT-ELK7205MS
Hersteller Artikelnummer	ELK7205MS
Alternativnummer	EBT-ELK7205MS-96, EBT-ELK7205MS-48, EBT-ELK7205MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Konzentration	50 ng/mL
Detektionsbereich	0.79-50 ng/mL
Sensitivitaet	0.28 ng/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity,. 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 Mouse LL-37. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse LL-37. 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 Mouse LL-37, 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 Mouse LL-37 in the samples is then determined by comparing the OD of the samples to the standard curve