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Product Datasheet

Rat HCAM(Homing Associated Cell Adhesion Molecule) ELISA Kit EBT-ELK4607

Artikelname	Rat HCAM(Homing Associated Cell Adhesion Molecule) ELISA Kit
Artikelnummer	EBT-ELK4607
Hersteller Artikelnummer	ELK4607
Alternativnummer	EBT-ELK4607-96, EBT-ELK4607-48, EBT-ELK4607-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.063 ng/mL
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

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