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Product Datasheet

Simian VCAM1(Vascular Cell Adhesion Molecule 1) ELISA Kit EBT-ELK10847

Artikelname	Simian VCAM1(Vascular Cell Adhesion Molecule 1) ELISA Kit
Artikelnummer	EBT-ELK10847
Hersteller Artikelnummer	ELK10847
Alternativnummer	EBT-ELK10847-96, EBT-ELK10847-96X5, EBT-ELK10847-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Primate
Konzentration	50 µg/mL
Detektionsbereich	0.79-50 µg/mL
Sensitivitaet	0.38 µg/mL
Proben	Serum, plasma, tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: CD & Adhesion molecule, Tumor immunity, 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 Simian VCAM1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian VCAM1. 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 Simian VCAM1, 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 Simian VCAM1 in the samples is then determined by comparing the OD of the samples to the standard curve