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Product Datasheet

EasyStep Human VCAM1(Vascular Cell Adhesion Molecule 1) ELISA Kit EBT-ELK043ES

Article Name	EasyStep Human VCAM1(Vascular Cell Adhesion Molecule 1) ELISA Kit
Biozol Catalog Number	EBT-ELK043ES
Supplier Catalog Number	ELK043ES
Alternative Catalog Number	EBT-ELK043ES-96, EBT-ELK043ES-48, EBT-ELK043ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	80 ng/mL
Range	1.25-80 ng/mL
Sensitivity	0.87 ng/mL
UniProt	P19320
Samples	Serum, plasma

Application Notes

Assay Type: Sandwich. Assay length: 1.5h. 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 Human VCAM1, and the Human VCAM1 standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells, then added a HRP-conjugated antibody specific to Human VCAM1. After TMB substrate solution is added, only those wells that contain Human VCAM1 and HRP-conjugated antibody 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 Human VCAM1 in the samples is then determined by comparing the OD of the samples to the standard curve