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Product Datasheet

Human EPCAM(Epithelial Cell Adhesion Molecule) ELISA Kit EBT-ELK1968

Article Name	Human EPCAM(Epithelial Cell Adhesion Molecule) ELISA Kit
Biozol Catalog Number	EBT-ELK1968
Supplier Catalog Number	ELK1968
Alternative Catalog Number	EBT-ELK1968-96, EBT-ELK1968-48, EBT-ELK1968-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	12.1 pg/mL
UniProt	P16422
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.

Application Notes

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