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Product Datasheet

Human CEACAM7(Carcinoembryonic Antigen Related Cell Adhesion Molecule 7) ELISA Kit EBT-ELK3112

Article Name	Human CEACAM7(Carcinoembryonic Antigen Related Cell Adhesion Molecule 7) ELISA Kit
Biozol Catalog Number	EBT-ELK3112
Supplier Catalog Number	ELK3112
Alternative Catalog Number	EBT-ELK3112-96, EBT-ELK3112-48, EBT-ELK3112-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.063 ng/mL
UniProt	Q14002
Samples	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 CEACAM7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CEACAM7. 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 CEACAM7, 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 CEACAM7 in the samples is then determined by comparing the OD of the samples to the standard curve