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Product Datasheet

Human TNFSF14(Tumor Necrosis Factor Ligand Superfamily, Member 14) ELISA Kit EBT-ELK4478

Article Name	Human TNFSF14(Tumor Necrosis Factor Ligand Superfamily, Member 14) ELISA Kit
Biozol Catalog Number	EBT-ELK4478
Supplier Catalog Number	ELK4478
Alternative Catalog Number	EBT-ELK4478-96, EBT-ELK4478-48, EBT-ELK4478-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	5.4 pg/mL
UniProt	O43557
Samples	serum, plasma, saliva, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: CD & Adhesion molecule, Apoptosis, 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 TNFSF14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TNFSF14. 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 TNFSF14, 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 TNFSF14 in the samples is then determined by comparing the OD of the samples to the standard curve