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Product Datasheet

Human FRAP(FK506 Binding Protein 12 Rapamycin Associated Protein) ELISA Kit EBT-ELK4316

Article Name	Human FRAP(FK506 Binding Protein 12 Rapamycin Associated Protein) ELISA Kit
Biozol Catalog Number	EBT-ELK4316
Supplier Catalog Number	ELK4316
Alternative Catalog Number	EBT-ELK4316-96, EBT-ELK4316-48, EBT-ELK4316-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.116 ng/mL
UniProt	P42345
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

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