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Product Datasheet

Human LEAP2(Liver Expressed Antimicrobial Peptide 2) ELISA Kit EBT-ELK10000

Article Name	Human LEAP2(Liver Expressed Antimicrobial Peptide 2) ELISA Kit
Biozol Catalog Number	EBT-ELK10000
Supplier Catalog Number	ELK10000
Alternative Catalog Number	EBT-ELK10000-96, EBT-ELK10000-96X5, EBT-ELK10000-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.045 ng/mL
UniProt	Q969E1
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Immunology & Inflammation. 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 LEAP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human LEAP2. 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 LEAP2, 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 LEAP2 in the samples is then determined by comparing the OD of the samples to the standard curve
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