

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Human LAB7-2(B-Lymphocyte Activation Antigen B7-2) ELISA Kit EBT-ELK1606

Article Name	Human LAB7-2(B-Lymphocyte Activation Antigen B7-2) ELISA Kit
Biozol Catalog Number	EBT-ELK1606
Supplier Catalog Number	ELK1606
Alternative Catalog Number	EBT-ELK1606-96, EBT-ELK1606-48, EBT-ELK1606-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.056 ng/mL
Samples	Tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, CD & Adhesion molecule, Tumor immunity, Infection immunity, Immune 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 LAB7-2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human LAB7-2. 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 LAB7-2, 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 LAB7-2 in the samples is then determined by comparing the OD of the samples to the standard curve