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## Product Datasheet

### Human C4BPb(C4 Binding Protein Beta) Microsample ELISA Kit EBT-ELK2112MS

Article Name	Human C4BPb(C4 Binding Protein Beta) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK2112MS
Supplier Catalog Number	ELK2112MS
Alternative Catalog Number	EBT-ELK2112MS-96, EBT-ELK2112MS-48, EBT-ELK2112MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	14.1 pg/mL
UniProt	<a href="#">P20851</a>
Samples	Serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, Immune molecule, Developmental science,. 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 C4BPb. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human C4BPb. 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 C4BPb, 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 C4BPb in the samples is then determined by comparing the OD of the samples to the standard curve