

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

## Product Datasheet

### Human C4BPα(C4 Binding Protein Alpha) Microsample ELISA Kit EBT-ELK1594MS

Article Name	Human C4BPα(C4 Binding Protein Alpha) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK1594MS
Supplier Catalog Number	ELK1594MS
Alternative Catalog Number	EBT-ELK1594MS-96, EBT-ELK1594MS-48, EBT-ELK1594MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.068 ng/mL
UniProt	<a href="#">P04003</a>
Samples	Serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: 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 C4BP $\alpha$ . Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human C4BP $\alpha$ . 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 C4BP $\alpha$ , 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  $\pm$  10nm. The concentration of Human C4BP $\alpha$  in the samples is then determined by comparing the OD of the samples to the standard curve