

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

## Product Datasheet

### Human IL-12p40(Interleukin 12 p40) Microsample ELISA Kit EBT-ELK2263MS

Article Name	Human IL-12p40(Interleukin 12 p40) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK2263MS
Supplier Catalog Number	ELK2263MS
Alternative Catalog Number	EBT-ELK2263MS-96, EBT-ELK2263MS-48, EBT-ELK2263MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.9 pg/mL
UniProt	<a href="#">P29460</a>
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: Cytokine, 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 IL-12p40. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human IL-12p40. 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 IL-12p40, 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 IL-12p40 in the samples is then determined by comparing the OD of the samples to the standard curve