

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

Product Datasheet

Human Cys-C(Cystatin C) ELISA Kit EBT-ELK11040

Article Name	Human Cys-C(Cystatin C) ELISA Kit
Biozol Catalog Number	EBT-ELK11040
Supplier Catalog Number	ELK11040
Alternative Catalog Number	EBT-ELK11040-96, EBT-ELK11040-48, EBT-ELK11040-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	2.47 ng/mL
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: Kidney biomarker, Urology,. 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 Cys-C. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Cys-C. 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 Cys-C, 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 Cys-C in the samples is then determined by comparing the OD of the samples to the standard curve