

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

Product Datasheet

Human 20S-PSM(20S-Proteasome) ELISA Kit EBT-ELK5359

Article Name	Human 20S-PSM(20S-Proteasome) ELISA Kit
Biozol Catalog Number	EBT-ELK5359
Supplier Catalog Number	ELK5359
Alternative Catalog Number	EBT-ELK5359-96, EBT-ELK5359-48, EBT-ELK5359-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.66 ng/mL
Samples	Tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase,. 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 20S-PSM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 20S-PSM. 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 20S-PSM, 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 20S-PSM in the samples is then determined by comparing the OD of the samples to the standard curve