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Product Datasheet

Human DNASE1(Deoxyribonuclease I) ELISA Kit EBT-ELK10328

Article Name	Human DNASE1(Deoxyribonuclease I) ELISA Kit
Biozol Catalog Number	EBT-ELK10328
Supplier Catalog Number	ELK10328
Alternative Catalog Number	EBT-ELK10328-96, EBT-ELK10328-48, EBT-ELK10328-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.098 ng/mL
UniProt	P24855
Samples	Serum, plasma, urine, saliva, seminal plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, 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 DNASE1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human DNASE1. 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 DNASE1, 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 DNASE1 in the samples is then determined by comparing the OD of the samples to the standard curve