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## Product Datasheet

### Human DEFb112(Defensin Beta 112) Microsample ELISA Kit EBT-ELK6531MS

Article Name	Human DEFb112(Defensin Beta 112) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK6531MS
Supplier Catalog Number	ELK6531MS
Alternative Catalog Number	EBT-ELK6531MS-96, EBT-ELK6531MS-48, EBT-ELK6531MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	29.8 pg/mL
UniProt	<a href="#">Q30KQ8</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 DEFb112. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human DEFb112. 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 DEFb112, 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 DEFb112 in the samples is then determined by comparing the OD of the samples to the standard curve