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Product Datasheet

Human DENV NS1 (Dengue virus non-structural protein 1) ELISA Kit EBT-ELK9884

Article Name	Human DENV NS1 (Dengue virus non-structural protein 1) ELISA Kit
Biozol Catalog Number	EBT-ELK9884
Supplier Catalog Number	ELK9884
Alternative Catalog Number	EBT-ELK9884-96, EBT-ELK9884-48, EBT-ELK9884-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.68 ng/mL
Samples	serum, plasma, tissue homogenates

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity,. 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 DENV NS1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human DENV NS1. 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 DENV NS1, 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 DENV NS1 in the samples is then determined by comparing the OD of the samples to the standard curve