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## Product Datasheet

### **Simian S100A8(S100 Calcium Binding Protein A8) ELISA Kit EBT-ELK0540**

Artikelname	Simian S100A8(S100 Calcium Binding Protein A8) ELISA Kit
Artikelnummer	EBT-ELK0540
Hersteller Artikelnummer	ELK0540
Alternativnummer	EBT-ELK0540-96, EBT-ELK0540-48, EBT-ELK0540-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Primate
Konzentration	50 ng/mL
Detektionsbereich	0.78-50 ng/mL
Sensitivitaet	0.31 ng/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, 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 Simian S100A8. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian S100A8. 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 Simian S100A8, 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  $\pm$  10nm. The concentration of Simian S100A8 in the samples is then determined by comparing the OD of the samples to the standard curve