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## Product Datasheet

### **Simian CYP1A1(Cytochrome P450 1A1) ELISA Kit EBT-ELK8052**

Article Name	Simian CYP1A1(Cytochrome P450 1A1) ELISA Kit
Biozol Catalog Number	EBT-ELK8052
Supplier Catalog Number	ELK8052
Alternative Catalog Number	EBT-ELK8052-96,EBT-ELK8052-48,EBT-ELK8052-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Primate
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.056 ng/mL
Samples	Tissue homogenates, cell lysates and other biological fluids.

#### Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway,. 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 CYP1A1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian CYP1A1. 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 CYP1A1, 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 Simian CYP1A1 in the samples is then determined by comparing the OD of the samples to the standard curve