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## Product Datasheet

### Simian MCT(Mast Cell Tryptase) ELISA Kit EBT-ELK0201

Artikelname	Simian MCT(Mast Cell Tryptase) ELISA Kit
Artikelnummer	EBT-ELK0201
Hersteller Artikelnummer	ELK0201
Alternativnummer	EBT-ELK0201-96, EBT-ELK0201-48, EBT-ELK0201-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Primate
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.11 ng/mL
Proben	serum, plasma, tissue homogenates

Anwendungsbeschreibung

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