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## Product Datasheet

### Rat CD45(Cluster of Differentiation 45) Microsample ELISA Kit EBT-ELK0562MS

Artikelname	Rat CD45(Cluster of Differentiation 45) Microsample ELISA Kit
Artikelnummer	EBT-ELK0562MS
Hersteller Artikelnummer	ELK0562MS
Alternativnummer	EBT-ELK0562MS-96, EBT-ELK0562MS-48, EBT-ELK0562MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.11 ng/mL
UniProt	<a href="#">P04157</a>
Proben	Serum, plasma and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: CD & Adhesion molecule, 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 Rat CD45. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CD45. 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 Rat CD45, 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 Rat CD45 in the samples is then determined by comparing the OD of the samples to the standard curve