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## Product Datasheet

### Mouse CD4(Cluster Of Differentiation 4) ELISA Kit EBT-ELK4748

Artikelname	Mouse CD4(Cluster Of Differentiation 4) ELISA Kit
Artikelnummer	EBT-ELK4748
Hersteller Artikelnummer	ELK4748
Alternativnummer	EBT-ELK4748-96, EBT-ELK4748-48, EBT-ELK4748-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Konzentration	5000 pg/mL
Detektionsbereich	78.13-5000 pg/mL
Sensitivitaet	31 pg/mL
UniProt	<a href="#">P06332</a>
Proben	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, CD & Adhesion molecule, Immune molecule,. 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 Mouse CD4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CD4. 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 Mouse CD4, 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 Mouse CD4 in the samples is then determined by comparing the OD of the samples to the standard curve