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Product Datasheet

Human CD3d(Cluster Of Differentiation 3d) Microsample ELISA Kit EBT-ELK5191MS

Artikelname	Human CD3d(Cluster Of Differentiation 3d) Microsample ELISA Kit
Artikelnummer	EBT-ELK5191MS
Hersteller Artikelnummer	ELK5191MS
Alternativnummer	EBT-ELK5191MS-96, EBT-ELK5191MS-48, EBT-ELK5191MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.112 ng/mL
UniProt	P04234
Proben	Serum, plasma and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, CD & Adhesion molecule, Tumor immunity, Infection immunity, 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 Human CD3d. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CD3d. 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 Human CD3d, 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 Human CD3d in the samples is then determined by comparing the OD of the samples to the standard curve