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## Product Datasheet

### Rat CA15-3(Carbonhydrate Antigen 15-3) Microsample ELISA Kit EBT-ELK11235MS

Artikelname	Rat CA15-3(Carbonhydrate Antigen 15-3) Microsample ELISA Kit
Artikelnummer	EBT-ELK11235MS
Hersteller Artikelnummer	ELK11235MS
Alternativnummer	EBT-ELK11235MS-96, EBT-ELK11235MS-48, EBT-ELK11235MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	500 pg/mL
Detektionsbereich	7.82-500 pg/mL
Sensitivitaet	3.74 pg/mL
Proben	Serum, plasma, tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Infection immunity,. 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 CA15-3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CA15-3. 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 CA15-3, 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 CA15-3 in the samples is then determined by comparing the OD of the samples to the standard curve