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Product Datasheet

Human KRAS(V-Ki-Ras2 Kirsten Rat Sarcoma Viral Oncogene Homolog) ELISA Kit EBT-ELK4377

Artikelname	Human KRAS(V-Ki-Ras2 Kirsten Rat Sarcoma Viral Oncogene Homolog) ELISA Kit
Artikelnummer	EBT-ELK4377
Hersteller Artikelnummer	ELK4377
Alternativnummer	EBT-ELK4377-96, EBT-ELK4377-48, EBT-ELK4377-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.127 ng/mL
Proben	Serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

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