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Product Datasheet

Rat VEGFR2(Vascular Endothelial Growth Factor Receptor 2) ELISA Kit EBT-ELK5773

Artikelname	Rat VEGFR2(Vascular Endothelial Growth Factor Receptor 2) ELISA Kit
Artikelnummer	EBT-ELK5773
Hersteller Artikelnummer	ELK5773
Alternativnummer	EBT-ELK5773-96, EBT-ELK5773-48, EBT-ELK5773-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	4000 pg/mL
Detektionsbereich	62.5-4000 pg/mL
Sensitivitaet	25.4 pg/mL
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, CD & Adhesion molecule, 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 Rat VEGFR2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat VEGFR2. 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 VEGFR2, 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 VEGFR2 in the samples is then determined by comparing the OD of the samples to the standard curve