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Product Datasheet

Rat PTGS1(Prostaglandin Endoperoxide Synthase 1) ELISA Kit EBT-ELK1859

Artikelname	Rat PTGS1(Prostaglandin Endoperoxide Synthase 1) ELISA Kit
Artikelnummer	EBT-ELK1859
Hersteller Artikelnummer	ELK1859
Alternativnummer	EBT-ELK1859-96, EBT-ELK1859-48, EBT-ELK1859-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	40 ng/mL
Detektionsbereich	0.63-40 ng/mL
Sensitivitaet	0.244 ng/mL
UniProt	Q63921
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung	<p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Enzyme & Kinase, Tumor immunity, Infection immunity, .</p> <p>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 PTGS1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat PTGS1. 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 PTGS1, 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 PTGS1 in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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