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Product Datasheet

Human PTGIS(Prostaglandin I Synthase) ELISA Kit EBT-ELK2052

Artikelname	Human PTGIS(Prostaglandin I Synthase) ELISA Kit
Artikelnummer	EBT-ELK2052
Hersteller Artikelnummer	ELK2052
Alternativnummer	EBT-ELK2052-96, EBT-ELK2052-48, EBT-ELK2052-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.58 ng/mL
UniProt	Q16647
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Metabolic pathway, Cardiovascular biology, Hormone metabolism,. 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 PTGIS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PTGIS. 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 PTGIS, 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 PTGIS in the samples is then determined by comparing the OD of the samples to the standard curve