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Product Datasheet

Rat PPAR-gamma(Peroxisome Proliferator Activated Receptor Gamma) ELISA Kit EBT-ELK1632

Artikelname	Rat PPAR-gamma(Peroxisome Proliferator Activated Receptor Gamma) ELISA Kit
Artikelnummer	EBT-ELK1632
Hersteller Artikelnummer	ELK1632
Alternativnummer	EBT-ELK1632-96, EBT-ELK1632-48, EBT-ELK1632-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.059 ng/mL
UniProt	O88275
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Endocrinology, Cardiovascular biology, Developmental science, Bone 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 Rat PPAR-gamma. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat PPAR-gamma. 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 PPAR-gamma, 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 PPAR-gamma in the samples is then determined by comparing the OD of the samples to the standard curve