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Product Datasheet

Rat G6PD(Glucose 6 Phosphate Dehydrogenase) ELISA Kit EBT-ELK2458

Artikelname	Rat G6PD(Glucose 6 Phosphate Dehydrogenase) ELISA Kit
Artikelnummer	EBT-ELK2458
Hersteller Artikelnummer	ELK2458
Alternativnummer	EBT-ELK2458-96, EBT-ELK2458-48, EBT-ELK2458-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	20 U/L
Detektionsbereich	0.32-20 U/L
Sensitivitaet	0.118 U/L
UniProt	P05370
Proben	Serum, plasma, tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway,. 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 G6PD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat G6PD. 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 G6PD, 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 G6PD in the samples is then determined by comparing the OD of the samples to the standard curve