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Product Datasheet

Human TrxR1(Thioredoxin Reductase 1) ELISA Kit EBT-ELK2000

Artikelname	Human TrxR1(Thioredoxin Reductase 1) ELISA Kit
Artikelnummer	EBT-ELK2000
Hersteller Artikelnummer	ELK2000
Alternativnummer	EBT-ELK2000-96, EBT-ELK2000-48, EBT-ELK2000-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.056 ng/mL
UniProt	Q16881
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung	<p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Enzyme & Kinase, 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 Human TrxR1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TrxR1. 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 TrxR1, 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 TrxR1 in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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