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Product Datasheet

Mouse OCT4(Octamer Binding Transcription Factor 4) ELISA Kit EBT-ELK2783

Artikelname	Mouse OCT4(Octamer Binding Transcription Factor 4) ELISA Kit
Artikelnummer	EBT-ELK2783
Hersteller Artikelnummer	ELK2783
Alternativnummer	EBT-ELK2783-96, EBT-ELK2783-48, EBT-ELK2783-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.058 ng/mL
Proben	Tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Developmental science,. 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 Mouse OCT4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse OCT4. 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 Mouse OCT4, 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 Mouse OCT4 in the samples is then determined by comparing the OD of the samples to the standard curve