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Product Datasheet

Rat MyoD(Myogenic Differentiation) Microsample ELISA Kit EBT-ELK6019MS

Artikelname	Rat MyoD(Myogenic Differentiation) Microsample ELISA Kit
Artikelnummer	EBT-ELK6019MS
Hersteller Artikelnummer	ELK6019MS
Alternativnummer	EBT-ELK6019MS-96, EBT-ELK6019MS-48, EBT-ELK6019MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	5000 pg/mL
Detektionsbereich	78.13-5000 pg/mL
Sensitivitaet	27 pg/mL
UniProt	Q02346
Proben	Tissue homogenates, cell lysates and other biological fluids.

Anwendungsbeschreibung

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