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Product Datasheet

Rat NOS1(Nitric Oxide Synthase 1, Neuronal) ELISA Kit EBT-ELK1620

Artikelname	Rat NOS1(Nitric Oxide Synthase 1, Neuronal) ELISA Kit
Artikelnummer	EBT-ELK1620
Hersteller Artikelnummer	ELK1620
Alternativnummer	EBT-ELK1620-96, EBT-ELK1620-48, EBT-ELK1620-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.053 ng/mL
UniProt	P29476
Proben	Tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Enzyme & Kinase, Metabolic pathway, Neuro 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 Rat NOS1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat NOS1. 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 NOS1, 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 NOS1 in the samples is then determined by comparing the OD of the samples to the standard curve