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Product Datasheet

Mouse DAT(Dopamine Transporter) ELISA Kit EBT-ELK5272

Artikelname	Mouse DAT(Dopamine Transporter) ELISA Kit
Artikelnummer	EBT-ELK5272
Hersteller Artikelnummer	ELK5272
Alternativnummer	EBT-ELK5272-96, EBT-ELK5272-48, EBT-ELK5272-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Konzentration	40 ng/mL
Detektionsbereich	0.63-40 ng/mL
Sensitivitaet	0.26 ng/mL
UniProt	Q61327
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

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