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## Product Datasheet

### Rat DRD2(Dopamine Receptor D2) ELISA Kit EBT-ELK4579

Artikelname	Rat DRD2(Dopamine Receptor D2) ELISA Kit
Artikelnummer	EBT-ELK4579
Hersteller Artikelnummer	ELK4579
Alternativnummer	EBT-ELK4579-96, EBT-ELK4579-48, EBT-ELK4579-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.121 ng/mL
UniProt	<a href="#">P61169</a>
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Metabolic pathway, Neuro science, Dermatology,. 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 DRD2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat DRD2. 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 DRD2, 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 DRD2 in the samples is then determined by comparing the OD of the samples to the standard curve