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Product Datasheet

Human DRD2(Dopamine Receptor D2) ELISA Kit EBT-ELK2105

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| Artikelname | Human DRD2(Dopamine Receptor D2) ELISA Kit |
| Artikelnummer | EBT-ELK2105 |
| Hersteller Artikelnummer | ELK2105 |
| Alternativnummer | EBT-ELK2105-96, EBT-ELK2105-48, EBT-ELK2105-96X5 |
| Hersteller | ELK Biotechnology |
| Kategorie | Kits/Assays |
| Spezies Reaktivität | Human |
| Konzentration | 20 ng/mL |
| Detektionsbereich | 0.32-20 ng/mL |
| Sensitivitaet | 0.119 ng/mL |
| UniProt | P14416 |
| 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 Human DRD2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human DRD2 in the samples is then determined by comparing the OD of the samples to the standard curve