

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Human TH(Tyrosine Hydroxylase) ELISA Kit EBT-ELK1974

Article Name	Human TH(Tyrosine Hydroxylase) ELISA Kit
Biozol Catalog Number	EBT-ELK1974
Supplier Catalog Number	ELK1974
Alternative Catalog Number	EBT-ELK1974-96, EBT-ELK1974-48, EBT-ELK1974-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.065 ng/mL
UniProt	P07101
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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