

Human BDNF (Brain Derived Neurotrophic Factor) ELISA Kit

Catalog No: tcee21



Available Sizes

Size: 96T



Specifications

Application:

This ELISA kit applies to the in vitro quantitative determination of Human BDNF concentrations in serum, plasma and other biological fluids.

Research Area:

Metabolism, Neuroscience, Cardiovascular, Cancer

Species Reactivity:

Human

Sample Type:

Serum, plasma and other biological fluids; 100µL

Assay Type:

Sandwich

Sensitivity:

18.75pg/mL

Detection Range:

31.25~2000pg/mL

Assay Time:

3.5h

Detection Method:

Sandwich-Ab

Tested Application:

ELISA

Storage Instruction:

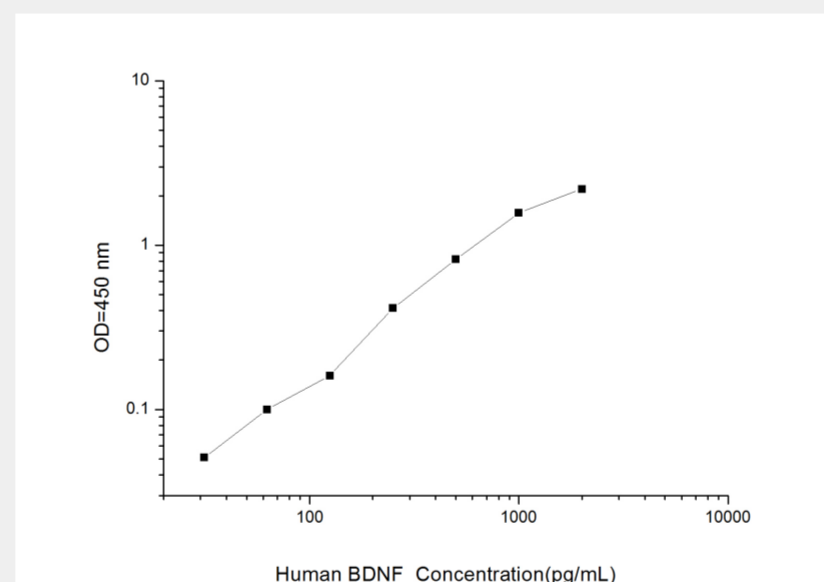
An unopened kit can be stored at 4°C for 1 month. If the kit is not used within 1 month, store the items separately according to the detailed information on the manual once the kit is received.

Notes

Specificity: This kit recognizes Human BDNF in samples. No significant cross-reactivity or interference between Human BDNF and analogues was observed. Both intra-CV and inter-CV are < 10%.

Product Description

This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human BDNF. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human BDNF and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human BDNF, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The OD value is proportional to the concentration of Human BDNF. You can calculate the concentration of Human BDNF in the samples by comparing the OD of the samples to the standard curve.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!