

Product Datasheet

Rat Brain Derived Neurotrophic Factor (BDNF) Microsample Fast ELISA Kit (orb1806639)

Catalog Number	orb1806639
Category	Assays and Kits
Description	Rat Brain Derived Neurotrophic Factor (BDNF) Microsample Fast ELISA Kit
Target	BDNF
Reactivity	Rat
Form/Appearance	Ready to use
UniProt ID	P23363
Application notes	<p>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 Rat BDNF. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody and biotinylated detection antibody specific for Rat BDNF. Then 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 Rat 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. The OD value is proportional to the concentration of Rat BDNF. You can calculate the concentration of Rat BDNF in the samples by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3H
Standard	2000pg/mL

Biorbyt Ltd.

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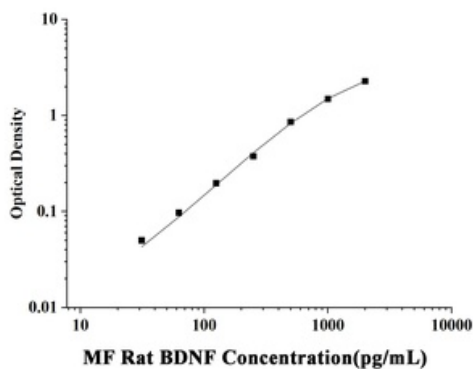
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Range	31.25-2000pg/mL
Sensitivity	18.75 pg/mL
Sample Types	serum, plasma, Tissue homogenate and Other biological samples□Sample volume□25μL
Note	For research use only
Expiration Date	6 months from date of receipt.

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