

Product Datasheet

Human Brain Natriuretic Peptide (BNP) ELISA Kit (orb1807654)

Catalog Number	orb1807654
Category	Assays and Kits
Description	Human Brain Natriuretic Peptide (BNP) ELISA Kit
Target	BNP
Reactivity	Human
UniProt ID	P16860
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 Human BNP. 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 BNP 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 BNP, 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 BNP. You can calculate the concentration of Human BNP in the samples by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5H
Standard	8000pg/mL

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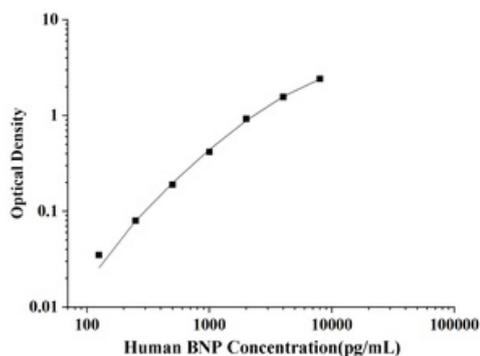
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Range	125.00-8000pg/mL
Sensitivity	37.64 pg/mL
Sample Types	plasma
Note	For research use only

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