

Product Datasheet

Human Brain Natriuretic Peptide (BNP) EasyStep ELISA Kit (orb1817402)

Catalog Number	orb1817402
Category	Assays and Kits
Description	<p>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 BNP, and the Human BNP standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human BNP. After TMB substrate solution is added, only those wells that contain Human BNP and HRP-conjugated antibody 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 \pm 10nm. The concentration of Human BNP in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Human
Concentration	2000 pg/mL
Application notes	<p>standard: 2000 pg/mL. 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 BNP, and the Human BNP standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human BNP. After TMB substrate solution is added, only those wells that contain Human BNP and HRP-conjugated antibody 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 \pm 10nm. The concentration of Human BNP in the samples is then determined by comparing the OD of the samples to the standard curve</p>

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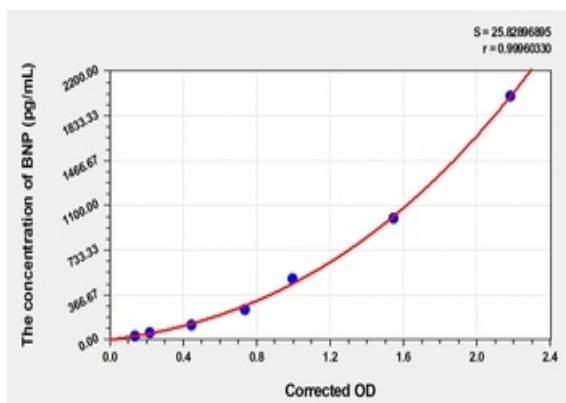
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Assay Type	Sandwich
Assay Time	1.5h
Range	31.25-2000 pg/mL
Sensitivity	6.8 pg/mL
Sample Types	Serum, plasma
Note	For research use only
Expiration Date	6 months from date of receipt.



Standard curve for orb1817402 ELISA kit.

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