

Product Datasheet

Human Neprilysin (NEP) ELISA Kit (orb1807318)

Catalog Number orb1807318

Category Assays and Kits

Description Human Neprilysin (NEP) ELISA Kit

Target NEP

Reactivity Human

UniProt ID **P08473**

Application notes 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 NEP. 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 NEP 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 NEP, 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 $450\text{ nm} \pm 2\text{ nm}$. The OD value is proportional to the concentration of Human NEP. You can calculate the concentration of Human NEP in the samples by comparing the OD of the samples to the standard curve.

Assay Type Sandwich

Assay Time 3.5H

Standard 10ng/mL

Range 0.16-10ng/mL

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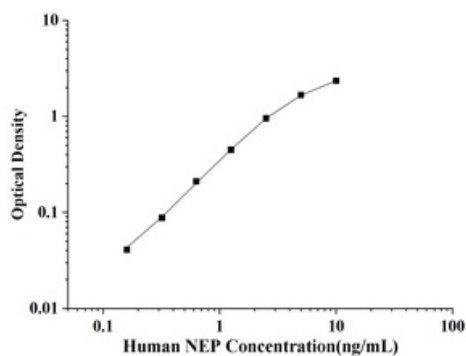
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Sensitivity 0.10 ng/mL

Sample Types serum, plasma, Tissue homogenate and Other biological samples

Note For research use only

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