

NT-proBNP Polyclonal Antibody(Capture/Detector)

catalog number: AN000290P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

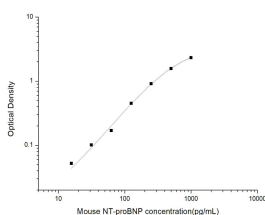
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|---------------------|--|
| Reactivity | Mouse |
| Immunogen | Recombinant Mouse NT-proBNP protein expressed by E.coli |
| Host | Rabbit |
| Isotype | Rabbit IgG |
| Purification | Antigen Affinity Purification |
| Conjugation | Unconjugated |
| Buffer | Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300. |

Applications

Recommended Dilution

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|-----------------------|---------------|
| ELISA Capture | 2-8 µg/mL |
| ELISA Detector | 0.1-0.4 µg/mL |

Data



Sandwich ELISA-Recombinant Mouse NT-proBNP protein standard curve. Background subtracted standard curve using NT-proBNP antibody(AN000290P)(Capture), NT-proBNP antibody(AN000290P)(Detector) in sandwich ELISA. The reference range value for Recombinant Mouse NT-proBNP protein is 15.63-1000 pg/mL.

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

Brain-type Natriuretic Peptide (BNP) is a nonglycosylated peptide that is produced predominantly by ventricular myocytes and belongs to the natriuretic peptide family. Proteolytic cleavage of the 12 kDa BNP precursor gives rise to N-terminal proBNP (NT-proBNP) and mature BNP. Plasma NT-proBNP is a marker for congestive heart failure, while mature BNP (aa 103 - 134) promotes vasodilation and fluid and sodium excretion.

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