

CERTIFICATE OF ANALYSIS

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

Catalog #: A01455H **Lot #:** 4L35421

Description: ProBNP, Recombinant
Pro-Brain Natriuretic Peptide (proBNP), Recombinant
This recombinant contains one additional Methionine residue at the N-Terminus (in comparison with native proBNP). It also contains one intramolecular disulfide bond between residues Cys₈₇ and Cys₁₀₃.

Source: *E. coli*

Format: Purified, Liquid

Purification: > 95% pure (determined by Tricine SDS-PAGE).
Immunoaffinity purification and ion exchange chromatography.

Concentration: 1.08 mg/mL (OD280, E^{0.1%} = 0.581)

Buffer: 10 mM Potassium Phosphate containing 150 mM Sodium Chloride, pH 7.4.


Preservative: None

Applications: Suitable for use in ELISA as a Calibrator or Standard and as an Immunogen for antibody development. When preparing diluted samples we recommend using buffer solutions containing a carrier protein and detergent (e.g., 0.05 M Tris-HCl, pH 7.8 containing 0.15 M Sodium Chloride, 0.01% Tween-40 and 0.5% Bovine Serum Albumin). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Aliquot and store at -70°C. Avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature: 

27DEC2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY