CPA485Ra31 100µg KLH Conjugated N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP) Organism Species: Rattus norvegicus (Rat) *Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Protein Conjugation Original Peptide Residues: Leu45-Leu60 Purity: >90% Traits: Freeze-dried powder. Buffer formulation: PBS, pH7.4. Applications: Immunogen; Coating Antigen; Blocking Peptide; ELISA.

[<u>USAGE</u>]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[<u>SEQUENCE</u>]

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[IDENTIFICATION]

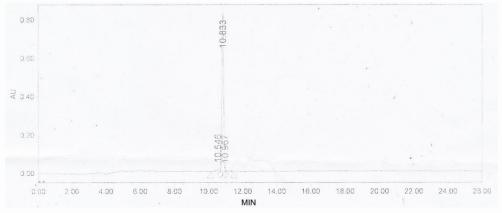


Figure 1. HPLC of the Original Peptide

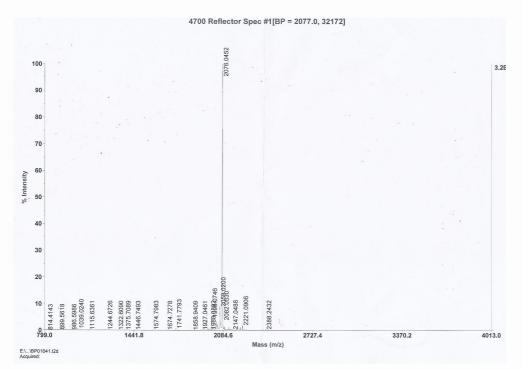


Figure 2. MASS Spectrometry of the Original Peptide

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