

CERTIFICATE OF ANALYSIS

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

Catalog #: H86051M **Lot #:** 1124922

Description: MAb to BNP
Monoclonal Antibody to Human Brain Natriuretic Peptide (BNP)

Specificity: Human BNP and proBNP. Recognizes synthetic peptide $_{11}\text{CKVLRRH}_{32}$.

Host Animal: Mouse **Isotype:** IgG₁

Source: Cell Culture

Immunogen: Synthetic BNP (whole molecule), conjugated with carrier protein.

Format: Purified, Liquid

Purification: > 90% pure. Protein A Chromatography

Concentration: 5.6 mg/mL (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in ELISA and Western Blot. 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.

Recommended pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
H86051M	H86245M
H86051M	H86262M

Recommended pair for detection of proBNP in sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
H86051M	H86915M (NT-proBNP)

Storage: Store at 2–8°C.

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

Quality Signature:



06 Sep 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY