

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

BNP Monoclonal Antibody

Code No.	BM454-T4E1
Grade	Affinity Purified
Lot No.	

RECEIVER INFORMATION

Expiry Date	
Storage Temperature	2-8°C (up to 1 month) below -15°C (long term)
Storage Notes	Avoid repeat freeze thaw cycles
Shipping Temperature	2-8°C

PRODUCT INFORMATION

Specificity	Antibody detects BNP, with no cross-reactivity with NT-proBNP or Cardiac Troponin I
Immunogen	Recombinant Human BNP
Source	Mouse
BBI Solutions Clone No.	T4E1
Application	Recommended as the Capture antibody in Sandwich ELISA using BM454-S3D8 as the Detection antibody. Also, suitable for Western Blot.
Isotype	IgG _{2b}
Host	Mouse
Purification	Protein A
Presentation	Supplied liquid in a 0.01M PBS buffer, pH 7.4, containing 0.05% sodium azide

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only
Precaution	Potentially hazardous
Material Safety	For further information and technical details, please download a Safety Data Sheet at www.bbisolutions.com or contact your BBI Account Manager.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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Determination Method

Protein concentration by
Optical Density at 280nm

≥ 0.5 mg/ml

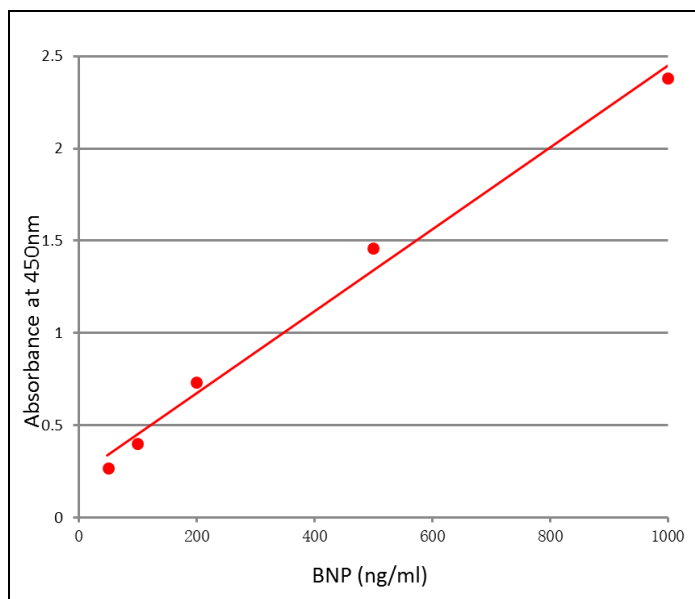
mg/ml

Purity

Defined as $\geq 95\%$ by a major band on SDS-PAGE and major peak on SEC HPLC.

Sandwich ELISA

Sandwich ELISA data using a previous lot of BM454-T4E1 as the Capture antibody and BM454-S3D8 as the Detection antibody. The BNP standard used was cyclized peptide in BNP-free serum.



Name:		Position:	
Signed:		Date:	