

# Product Datasheet

## NT-proBNP Antibody (13G12cc) - BSA Free NB120-14712

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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### Publications: 1

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**NB120-14712**

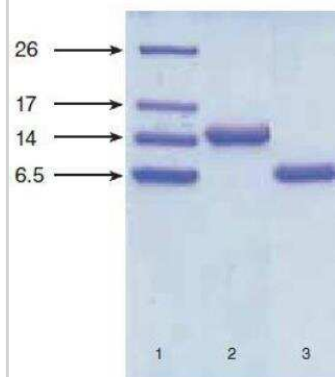
NT-proBNP Antibody (13G12cc) - BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	13G12cc
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Mouse
Gene ID	4879
Gene Symbol	NPPB
Species	Human
Specificity/Sensitivity	Human NT-proBNP and proBNP
Immunogen	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with synthetic NT-proBNP, corresponding to a.a.r. 13-27, conjugated with carrier protein.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Sandwich ELISA 1:100-1:2000

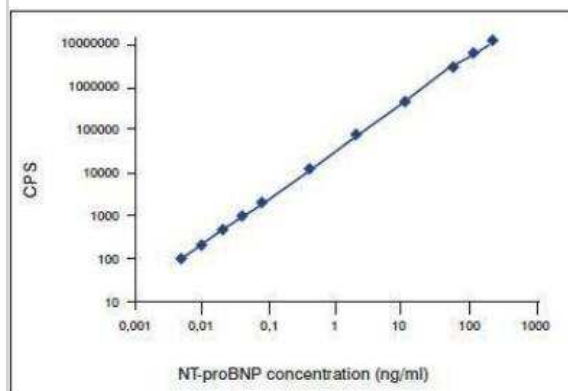


## Images

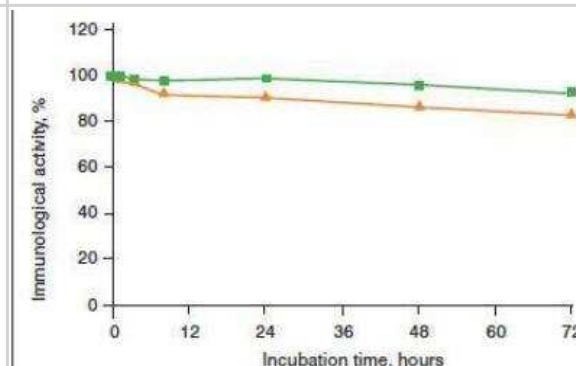
Western Blot: NT-proBNP Antibody (13G12) [NB120-14712] - Tricine-SDS-PAGE in reducing conditions of recombinant NT-proBNP and proBNP expressed in E. coli. Lane 1: low molecular weight standards (Bio-Rad) Lane 2: proBNP, 3 ug Lane 3: NT-proBNP, 3 ug Gel staining: Coomassie brilliant blue R-250



ELISA: NT-proBNP Antibody (13G12) [NB120-14712] - Calibration curve for NT-proBNP 15C4-13G12 assay using NT-proBNP Antibody as a detection antibody: 13G1213-20 (Eu3+ - labeled) and biotinylated capture antibody. Antigen: human recombinant NT-proBNP expressed in E. coli



Sandwich ELISA: NT-proBNP Antibody (13G12) [NB120-14712] - Stability studies of endogenous NT-proBNP being measured in sandwich immunoassay.



## Publications

van Aalen EA, Lurvink JJJ, Vermeulen L et Al. Turning Antibodies into Ratiometric Bioluminescent Sensors for Competition-Based Homogeneous Immunoassays ACS Sens 2024-03-25 [PMID: 38380622]



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### **Products Related to NB120-14712**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-61321-1mg	Recombinant Human NT-proBNP Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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