

BNP antibody [24C5]

Cat. No. GTX04088

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ELISA, Sandwich ELISA
Reactivity	Human

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX40984, Detection : GTX04088, Sensitivity of this antibody pair is better than 1 pg/ml (synthetic BNP, Bachem). All pairs recognize with high sensitivity the antigen in plasma samples of patients with heart failure. The detection antibody requires HRP conjugation. Please contact us for the conjugation service.

Not tested in other applications.

Calculated MW	15 kDa. (Note)
Product Note	Human BNP and proBNP.

Properties

Form	Liquid
Buffer	PBS
Preservative	0.09% sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic human BNP peptide a.a.r. 11-22 conjugated with carrier protein.
Purification	Protein A purified
Conjugation	Unconjugated

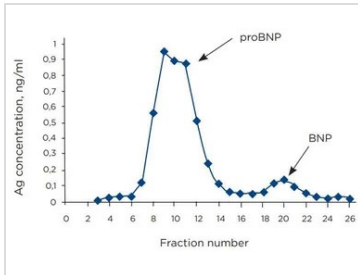


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Note

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DATA IMAGES

GTx04088 ELISA Image

ELISA analysis of endogenous proBNP and BNP using GTx04088 BNP antibody [24C5]. Gel filtration studies of endogenous proBNP and BNP. Proteins from one representative plasma sample of a HF patient were separated on the Superdex Peptide column (GE Healthcare). BNP immunoreactivity in fractions was measured by the 50E1-24C5 assay. The first peak corresponds to proBNP, while the second peak corresponds to the BNP form.



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