

PRODUCT SPECIFICATIONS

2015-09-16

PRODUCT NAME	: Anti-h NT-proBNP 1306 Fab
PRODUCT SPECIFICITY	: Antibody recognizes human N-terminal pro-B-type natriuretic peptide
PRODUCT CODE	: 600025
ANALYTE DESCRIPTION	: Pro-B-type natriuretic peptide (ProBNP) is released from cardiac myocytes, and is cleaved into BNP and its N-terminal fragment, NT-proBNP. Plasma concentrations of both BNP and NT-proBNP are significantly increased in patients with asymptomatic and symptomatic left ventricular dysfunction. There is excellent clinical and statistical correlation between assays for BNP and NT-proBNP. Due to the longer half-life in the circulation, NT-proBNP levels in blood plasma are generally 6-10 times higher than BNP. The better stability and wider dynamic range for NT-proBNP may provide an advantage in clinical testing.
PRODUCT DESCRIPTION	: Recombinant Fab fragment antibody based on the MedixMAB Anti-h NT-proBNP clone 1306. Produced in <i>E. coli</i> and purified chromatographically.
PRODUCT BUFFER	: 50 mM Na-citrate, pH 6.0; 0.9 % NaCl; 0.095 % NaN ₃ as preservative
STORAGE	: Store at 2-8 °C

PARAMETERS TESTED FROM EACH LOT

APPEARANCE	: Clear liquid, may turn opaque during storage
CONCENTRATION	: 1 mg/ml (+/- 10 %)
ACTIVITY	: 80-120 % compared to reference in an IFMA test
PURITY	: ≥ 95 %

PROPERTIES OF THE PROGENITOR MedixMAB MONOCLONAL ANTIBODY

AFFINITY CONSTANT	: $K_D = 1 \times 10^{-10}$ M
EPITOPE	: Amino acids 12-28

Legal disclaimer

MedixMAB monoclonal antibodies, MedixMAB Fab fragments and MedixAntigens meet their specifications if transported, stored and used according to the instructions for use. If not otherwise agreed in writing all products are sold under *General Delivery Terms*. Further information on products is available on the internet.

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