

Fluoro-Check™ NT-proBNP

Time resolved fluorescence immunoassay for the quantitative determination of NT-proBNP level in human blood, serum, or plasma specimen



The Fluoro-Check™ NT-proBNP Test is a time resolved fluorescence immunoassay for the quantitative determination of NT-proBNP (N-terminal pro-Brain natriuretic peptide) in human whole blood, serum or plasma specimens at cutoff concentrations of 125 pg/mL for patients younger than 75 years and 450 pg/mL for patients 75 years and older, as an aid in the diagnosis of individuals suspected of having CHF (congestive heart failure).



Product Specification

- One-Step quantitative assay in conjunction with Fluoro-Checker™ TRF Reader
- Catalog Number: ND-TF3152
- Measuring Range: 20 pg/mL - 12800 pg/mL
- Sample Volume: 80 µL of whole blood, serum, or plasma
- Storage Condition: Room temperature (2-30 °C)
- Shelf-Life: 15 months at storage condition
- Turn Around Time: 15 minutes

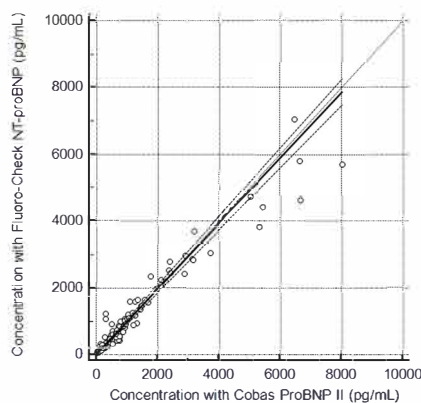
LoB, LoD and LoQ

- ✓ LoB = 12 pg/mL
- ✓ LoD = 20 pg/mL
- ✓ LoQ = 20 pg/mL

Precision

Mean	Within run CV	Total CV
301 pg/mL	10.0%	11.1%
1455 pg/mL	12.6%	13.9%
5191 pg/mL	11.2%	13.7%

Method Comparison



- ✓ Sample size (n) = 120
- ✓ Regression:
y = 0.979x + 28.843
- ✓ Correlation:
p = 0.960