

## NT-Pro B-Type Natriuretic Peptide, Serum

Test ID: PBNP1

### Useful for:

Aids in the diagnosis of congestive heart failure using serum specimens.

### Method:

Electrochemiluminescence Immunoassay

### Reference Values:

#### Males

0-2 day: 321-11,987 pg/mL  
3-11 day: 263-5918 pg/mL  
12 day-1 month: Not applicable  
2 month-1 year: 37-646 pg/mL  
2 years: 39-413 pg/mL  
3 years-6 years: 23-289 pg/mL  
7 years-14 years: < or =157 pg/mL  
15 years-18 years: < or =158 pg/mL  
19-39 years: <79 pg/mL  
40-44 years: < or =72 pg/mL  
45-54 years: < or =87 pg/mL  
55-64 years: < or =88 pg/mL  
> or =65 years: < or =540 pg/mL

#### Females

0-2 day: 321-11,987 pg/mL  
3-11 day: 263-5918 pg/mL  
12 day-1 month: Not applicable  
2 month-1 year: 37-646 pg/mL  
2 years: 39-413 pg/mL  
3 years-6 years: 23-289 pg/mL  
7 years-14 years: < or =157 pg/mL  
15 years-18 years: < or =158 pg/mL  
19-39 years: <160 pg/mL  
40-44 years: < or =162 pg/mL  
45-54 years: < or =141 pg/mL  
55-64 years: < or =226 pg/mL  
> or =65 years: < or =540 pg/mL

### Specimen Requirements:

**Preferred:** Serum gel

**Acceptable:** Red top

**Specimen Volume:** 0.5 mL

**Collection Instructions:**

1. Serum gel tubes should be centrifuged within 2 hours of collection.
2. Red-top tubes should be centrifuged and aliquoted within 2 hours of collection

**Minimum Volume:** 0.3 mL

**Specimen Stability Information:**

Specimen Type	Temperature	Time
Serum	Frozen (preferred)	365 days
	Refrigerated	7 days

**Cautions:**

Lack of N-terminal-pro brain natriuretic peptide (NT-proBNP) elevations have been reported if congestive heart failure is very acute (first hour) or occurs with ventricular inflow obstruction (hypertrophic obstructive cardiomyopathy, mitral stenosis, atrial myxoma).

**CPT Code:**

83880

**Day(s) Performed:** Monday through Sunday

**Report Available:** Same day/1 day

**Questions**

Contact Nancy Benson, Laboratory Technologist Resource Coordinator at 800-533-1710.