

Name : TESTNOW

Patient ID : SC23F000002

Gender : Male

Place : Bangalore

Age : 62

A/c Status :

Lab No. : SC1

Ref By : me

Date & Time : 10/07/2024 20:44:46



Test Category	Test Name	Results	Units	Blo. Ref. Interval
Cardiac	NT pro-BNP	8000*	pg/ml	<125

Category	Heart Failure Ruled Out (pg/ ml)
<75 Years old	<125
>75 Years old	<450

-----Interpretation in patients presenting with acute dyspnea -----

Category	Optimal Cut Off (pg / ml)
Rule in Cut Off	
<50 Years	>450
50 – 75 Years	>900
>75 Years	>1800
Rule out Cut Off	
All Patients	<300

Note

1. NT-pro-BNP value increases with age, elevated levels can be seen in apparently healthy individual with increasing age
2. NT-pro-BNP values need to be interpreted in conjunction with the medical history, clinical findings and other information
3. NT pro-BNP value <125 pg/ml exclude cardiac dysfunction with a high level of certainty in patients presenting with dyspnea
4. Lack of NT-ProBNP elevation has been reported if Congestive Heart Failure (CHF) is very acute (first hour) or if there is Ventricular inflow obstruction

Comments

NT-ProBNP is a marker of atrial & ventricular distension due to increased intra-cardiac pressure, hence it is used as an aid in the diagnosis of CHF. The diagnostic strength of NT-ProBNP is their high sensitivity for ruling out heart failure; however, as the value increases heart failure becomes more likely

Clinical Uses -

1. As an aid in the diagnosis of suspected cases of CHF -
2. Detection of mild forms of cardiac dysfunction -
3. To assess severity of heart failure in already diagnosed cases of CHF -
4. For risk stratification of patients with Acute Coronary Syndrome (ACS) & CHF -
5. For monitoring therapy in patients with Left Ventricular dysfunction

In case the results are unexpected or alarming, the patient is advised to contact the lab immediately for possible remedial action.

" एक कदम स्वस्थ भारत की ओर "

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Limitations of NT proBNP

Higher Levels than expected	Lower Levels than expected
Increasing Age	Obesity
ACS	Pulmonary Edema
Renal Insufficiency	Pericarditis/ Tamponade
RV Dysfunction	Genetic Polymorphism
Arterial Fibrillation	
Pulmonary Hypertension	
Pulmonary Embolism	
Anemia Sepsis	
Mitral Regurgitation	

IMPORTANT INSTRUCTIONS

- Test results pertain to specimen submitted
- All test results are dependent on the quality of sample received
- Investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the referring physician
- Report delivery may be delayed due to unforeseen conditions
- Certain tests may require further testing at additional costs for derivation of exact value
- Test results may show Inter/Intra laboratory variations
- The courts of Delhi shall have exclusive jurisdiction in all disputes/claims concerning test(s) and/or result of test(s)
- Test results are not valid for medico legal purposes.

Signature

-----End Of Test-----