

Patient Name : Demo Patient Name
Age / Sex : 67 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 15:20
Patient ID : UHID.DEMO.001

NT-proBNP

Serum Sample

Accession No: DEMO_BARCODE Collected On: 21-Jan-25 15:20 Received On: 21-Jan-25 17:05 Approved On: 21-Jan-25 19:00

Observation	Result	Unit	Biological Ref. Interval	Method
NT-Pro BNP	5510	pg/mL	<300	CLIA

Biological Reference Interval:

VITROS NT-proBNP II Test Results (pg/mL)	Age Group (Years)	Interpretation of Results
<300	All	Negative: Heart Failure Unlikely
>300 to <450	22 to <50	Grey Zone: Heart Failure Less Likely - Consider other causes of NT-proBNP elevation*
>300 to <900	50 to <75	
>300 to <1800	>75	
>450	22 to <50	Positive: Heart Failure Likely
>900	50 to <75	
>1800	>75	

* Natriuretic peptides values in the gray zones could be caused by several conditions other than heart failure. Clinical conditions such as valvular abnormalities, acute coronary syndrome, heart muscle disease, pulmonary embolism, pulmonary hypertension, sepsis, stroke, cardiotoxic drugs, and renal dysfunction will elevate NT-proBNP levels; obesity, flash pulmonary edema, cardiac tamponade, and pericardial constriction are conditions associated with reduced NT-proBNP

Interpretation:

- 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.
- As per a number of studies, threshold for NT-ProBNP is 300 pg/mL.
- Results must be clinically correlated.

Clinical Uses:

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

Please correlate clinically.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

