

Patient Name : Ms. NAGEENA BANO	Visit No : CHA250034639
Age/Gender : 40 Y O M O D /F	Registration ON : 26/Feb/2025 11:08AM
<b>Lab No : 10131935</b>	Sample Collected ON : 26/Feb/2025 11:13AM
Referred By : Dr. ANANT SHEEL CHAUDHARY	Sample Received ON : 26/Feb/2025 12:02PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 26/Feb/2025 01:35PM
Doctor Advice : PRO-BNP,DIGITAL 1,2D ECHO,CREATININE,UREA,NA+K+,SERUM IGE,HBA1C (EDTA),RANDOM,CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HBA1C</b>				
Glycosylated Hemoglobin (HbA1c)	<b>5.9</b>	%	4 - 5.7	HPLC (EDTA)

**NOTE:-**

Glycosylated Hemoglobin Test (HbA1c) is performed in this laboratory by the Gold Standard Reference method, ie: HPLC Technology (High performance Liquid Chromatography D10) from Bio-Rad Laboratories. USA.

**EXPECTED ( RESULT ) RANGE :**

Bio system	Degree of normal
4.0 - 5.7 %	Normal Value (OR) Non Diabetic
5.8 - 6.4 %	Pre Diabetic Stage
> 6.5 %	Diabetic (or) Diabetic stage
6.5 - 7.0 %	Well Controlled Diabet
7.1 - 8.0 %	Unsatisfactory Control
> 8.0 %	Poor Control and needs treatment

**CHARAK**

[Checked By]

Print.Date/Time: 26-02-2025 14:10:26

\*Patient Identity Has Not Been Verified. Not For Medicolegal



*Sharma*

DR. NISHANT SHARMA DR. SHADAB Dr. SYED SAIF AHMAD  
PATHOLOGIST PATHOLOGIST MD (MICROBIOLOGY)

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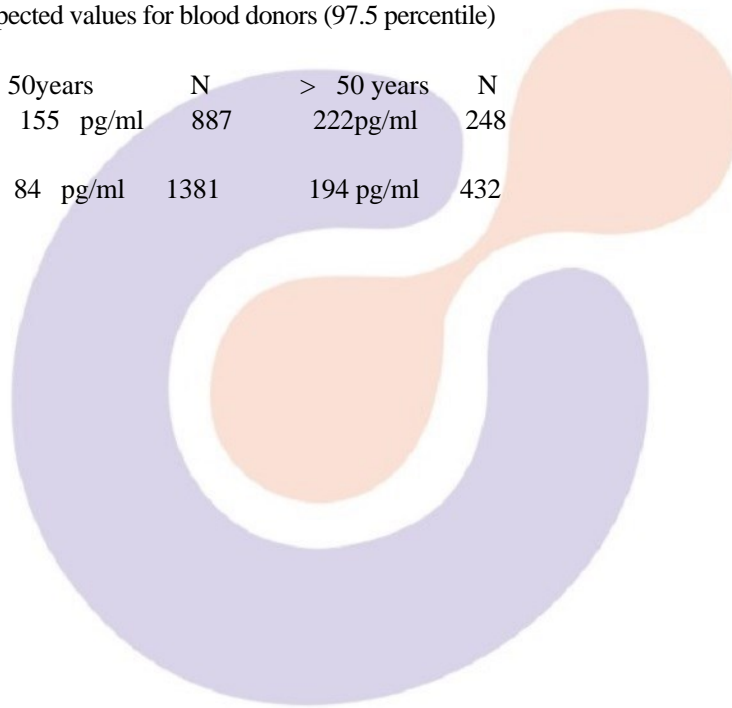


Test Name	Result	Unit	Bio. Ref. Range	Method
<b>PRO-BNP</b>				

BNP (B type Natriuretic Peptide) 307.80

EXPECTED VALUES :- Expected values for blood donors (97.5 percentile)

	< 50years	N	> 50 years	N
WOMEN :	155 pg/ml	887	222pg/ml	248
MEN :	84 pg/ml	1381	194 pg/ml	432



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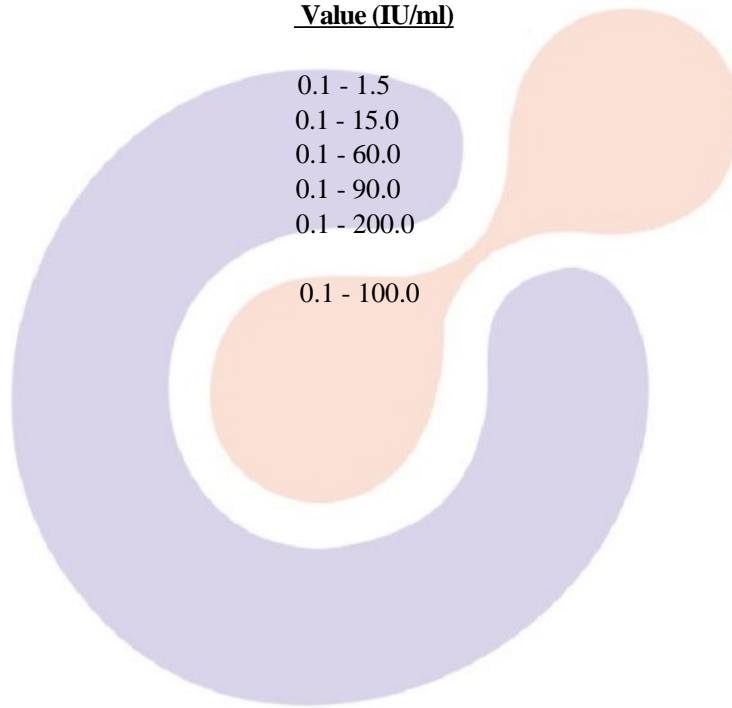
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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>SERUM IGE</b>				
SERUM IGE	89.2		0.10 - 100	CLIA

<u>Age group</u>	<u>Value (IU/ml)</u>
Neonates	0.1 - 1.5
Infants in first year of life	0.1 - 15.0
Children aged 1-5 Years	0.1 - 60.0
Children aged 6-9 Years	0.1 - 90.0
Children aged 10-15 Years	0.1 - 200.0
Adults	0.1 - 100.0



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Referred By : Dr. ANANT SHEEL CHAUDHARY	Sample Received ON : 26/Feb/2025 11:36AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 26/Feb/2025 12:46PM
Doctor Advice : PRO-BNP,DIGITAL 1,2D ECHO,CREATININE,UREA,NA+K+,SERUM IGE,HBA1C (EDTA),RANDOM,CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC (COMPLETE BLOOD COUNT)</b>				
Hb	9.7	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.00	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	33.7	%	36 - 45	Pulse hieght detection
MCV	84.7	fL	80 - 96	calculated
MCH	24.4	pg	27 - 33	Calculated
MCHC	28.8	g/dL	30 - 36	Calculated
RDW	17.4	%	11 - 15	RBC histogram derivation
RETIC	1.2 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	11020	/cmm	4000 - 10000	Flocytometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	70	%	40 - 75	Flowcytometry
LYMPHOCYTES	25	%	25 - 45	Flowcytometry
EOSINOPHIL	1	%	1 - 6	Flowcytometry
MONOCYTE	4	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	309,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	309000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	7,714	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	2,755	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	110	/cmm	20-500	Calculated
Absolute Monocytes Count	441	/cmm	200-1000	Calculated
Mentzer Index	21			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic with microcytic hypochormic. Platelets are adequate. No parasite seen.



[Checked By]



*Sham*

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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>BLOOD SUGAR RANDOM</b>				
BLOOD SUGAR RANDOM	127	mg/dl	70 - 170	Hexokinase
<b>NA+K+</b>				
SODIUM Serum	142.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.2	MEq/L	3.5 - 5.5	ISE Direct
<b>BLOOD UREA</b>				
BLOOD UREA	33.90	mg/dl	15 - 45	Urease, UV, Serum
<b>SERUM CREATININE</b>				
CREATININE	0.60	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic

\*\*\* End Of Report \*\*\*

CHARAK



[Checked By]

MC-2491

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### 2D- ECHO & COLOR DOPPLER REPORT

1. **MITRAL VALVE STUDY** : MVOA - Normal (perimetry) cm<sup>2</sup> (PHT)

#### Anterior Mitral Leaflet:

- (a) **Motion**: Normal                      (b) **Thickness** : Normal                      (c) **DE** : 1.9 cm.  
 (d) **EF** 58mm/sec                      (e) **EPSS** : 06 mm                      (f) **Vegetation** : -  
 (g) **Calcium** : -

**Posterior mitral leaflet** : Normal

- (a). **Motion** : Normal                      (b) **Calcium**: -                      (c) **Vegetation** : -

**Valve Score** : Mobility /4      Thickness /4      SVA /4  
 Calcium /4      Total /16

2. **AORTIC VALVE STUDY**

- (a) **Aortic root** :2.5cms      (b) **Aortic Opening** :1.3cms      (c) **Closure**: Central  
 (d) **Calcium** : -                      (e) **Eccentricity Index** : 1                      (f) **Vegetation** : -

(g) **Valve Structure** : Tricuspid,

3. **PULMONARY VALVE STUDY** Normal

- (a) **EF Slope** : -                      (b) **A Wave** : +                      (c) **MSN** : -

(D) **Thickness** :                      (e) **Others** :

4. **TRICUSPID VALVE** : Normal

5. **SEPTAL AORTIC CONTINUITY**      6. **AORTIC MITRAL CONTINUITY**

**Left Atrium** : 3.4 cms

**Clot** : -

**Others** :

**Right Atrium** : Normal

**Clot** : -

**Others** : -

Contd.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**

**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 1.0 cm (s) 1.3 cm

**Motion** : normal

**LVPW (D)** 1.1cm (s) 1.8 cm

**Motion** : Normal

**LVID (D)** 4.7 cm (s) 3.1 cm

**Ejection Fraction** :63%

**Fractional Shortening** : 34 %

*TOMOGRAPHIC VIEWS*

**Parasternal Long axis view** :

NORMAL LV RV DIMENSION  
GOOD LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

AOV - NORMAL  
**PV - NORMAL**  
TV - NORMAL

**Mitral valve level** :

MV - NORMAL

**Papillary Muscle Level** :

NO RWMA

**Apical 4 chamber View** :

No LV CLOT



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**PERICARDIUM**

Normal

**DOPPLER STUDIES**

	Velocity (m/sec)	Flow pattern ( /4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.7 a = 0.7	Normal	-	-	-
AORTIC	1.2	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.8	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

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**NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE**

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**CONCLUSIONS :**

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 63 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY**

**DR. PANKAJ RASTOGI, MD,DM**





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**SKIAGRAM CHEST PA VIEW**

- Both lung fields are clear.
- Bilateral hilar shadows are prominent.
- Borderline cardiomegaly is present.
- Both CP angles are clear.
- Soft tissue and bony cage are seen normally.
- Mild humping of right dome of diaphragm is seen .

**IMPRESSION:**

- **BORDERLINE CARDIOMEGALY.**

Clinical correlation and Cardiac evaluation is needed.

[DR. RAJESH KUMAR SHARMA, MD]

TRANSCRIBED BY: ANUP

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\*\*\* End Of Report \*\*\*

