





Lab No. 012411150271 Age/ Gender 37 YRS/MALE Coll. ON 15/Nov/2024 08:38AM

NAME Mr. NITIN 15/Nov/2024 Reg. ON

Ref. Dr. **MEDIWHEEL** Approved ON 15/Nov/2024 10:19AM BarcodeNo 01150271 Rpt. Centre **Printed ON** 15/Nov/2024 05:10PM

Test Name	Value	Unit	Biological Reference Interval
Complete Haemogram, EDTA wh	ole blood		
Haemoglobin (Hb) Method: Colorimetry	13.50	gm/dl	13.0 - 17.0
RBC count Method: Electrical impedence	4.76	Millons/cmm	4.5 - 5.5
PCV / Haematocrit Method: Calculated	40.20	%	40.0 - 50.0
MCV Method: Calculated	84.30	fl	83.0 - 101.0
MCH Method: Calculated	28.30	picogram	27.0 - 32.0
MCHC Method: Calculated	33.60	%	31.5 - 34.5
RDW - CV Method : Calculated	14.30	%	11.6 - 14.0
Mentzer Index	17.71		>= 13.0

The Mentzer index (MCV/RBC count) is a useful tool for initial screening of patients with a microcytic hypochromic blood picture to rule out a thalassemia trait. If the index is less than 13, thalassemia is said to be more likely. If the result is greater than 13, then iron-deficiency anemia is said to be more likely. All patients with a low normal to low hemoglobin and a Mentzer index below 13 should be screened for thalassemia trait by HPLC.

TLC (Total Leucocyte Count)  Method: Flowcytometry	5,530	/cmm	4000 - 10000
DLC (Flow cytometry)			
Neutrophils	41.60	%	35.0 - 75.0
Lymphocytes	43.60	%	25.0 - 45.0
Eosinophils	9.80	%	1.0 - 5.0
Monocytes	4.60	%	1.0 - 6.0
Basophils	0.40	%	0 - 1
Absolute Leucocyte Count (Calculated)			
Absolute Neutrophil Count	2,300.48	/cmm	2000 - 7000
Absolute Lymphocyte Count	2,411.08	/cmm	1000 - 3000
Absolute Eosinophil count	541.94	/cmm	20 - 500
Absolute Monocyte count	254.38	/cmm	200 - 1000
Absolute Basophil count	22.12	/cmm	0 - 100
Platelet count Method: Electrical impedence	2.08	Lakh/cmm	1.5 - 4.1
ESR (Erythrocyte Sedimentation Rate) Method: Westergren method	6	mm/1st hr	0 - 22

### Peripheral Smear

Method: Calculated

RBCs are normocytic and normochromic.

Leucocytic series reveals relative eosinophilia.

Platelets are adequate in number and are normal in morphology.

No atypical cells or haemoparasites are seen.

Impression: Relative eosinophilia.

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Dr. Smita Sadwani MD(Biochemistry) **Technical Director** 

Dr. Mayank Gupta MD, DNB Pathology Consultant Pathologist

Dr. Deepak Sadwani MD(Pathology) Lab Director

Dr. Moushmi Mukherjee MBBS,MD (Pathology) Consultant Pathologist

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Lab No. NAME

Ref. Dr.

012411150271

Mr. NITIN

**MEDIWHEEL** 

Age/ Gender

BarcodeNo

37 YRS/MALE

Coll. ON

15/Nov/2024 08:38AM

Reg. ON

15/Nov/2024

01150271

Approved ON 15/Nov/2024 10:19AM

**Printed ON** 

15/Nov/2024 05:10PM

Rpt. Centre

Test Name

Value

Unit

Biological Reference

Interval

Blood Group ( ABO + RH)

Blood Group , EDTA blood Method : Slide agglutination (Forward & Reverse grouping)

Rh type , EDTA blood

Positive

Method : Slide agglutination



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Lab No. 012411150271

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Coll. ON 15/Nov/2024 08:38AM

NAME Mr. NITIN

Reg. ON 15/Nov/2024

Ref. Dr. **MEDIWHEEL** 

Approved ON 15/Nov/2024 10:02AM

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15/Nov/2024 05:10PM

Test Name	Value	Unit	Biological Reference Interval	
Glucose Fasting, plasma Method: GOD POD	96.50	mg/dL	60 - 100	

#### Interpretation (In accordance with the American diabetes association guidelines):

- A fasting plasma glucose level below 100 mg/dl is considered normal.
- A fasting plasma glucose level between 100-126 mg/dl is considered as glucose intolerant or pre diabetic. A fasting and post-prandial blood sugar test (after consumption of 75 gm of glucose) is recommended for all such patients.
- · A fasting plasma glucose level of above 126 mg/dl is highly suggestive of a diabetic state. A repeat fasting test is strongly recommended for all such patients. A fasting plasma glucose level in excess of 126 mg/dl on both the occasions is confirmatory of a diabetic state.

Glucose PP, plasma 90 - 140 Method : GOD POD

#### Interpretation (In accordance with the American diabetes association guidelines):

- A post-prandial plasma glucose level below 140 mg/dl is considered normal.
- A post-prandial plasma glucose level between 140-199 mg/dl is considered as glucose intolerant or pre diabetic. A fasting and post-prandial blood sugar test (after consumption of 75 gm of glucose) is recommended for all such patients.
- · A post-prandial plasma glucose level of above 200 mg/dl is highly suggestive of a diabetic state. A repeat post-prandial test is strongly recommended for all such patients. A post-prandial plasma glucose level in excess of 200 mg/dl on both the occasions is confirmatory of a diabetic state.

Blood Urea Nitrogen (BUN), serum Method : Calculated

Serum Creatinine Method : Jaffe kinetic

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Serum Uric Acid Method: Uricase-Peroxidase 0.94

4.84

7.8 - 20.2

mg/dl

0.7 - 1.2

mg/dl

3.6 - 8.2

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15/Nov/2024

Ref. Dr. Rpt. Centre **MEDIWHEEL** 

BarcodeNo 01150271

Approved ON 15/Nov/2024 09:45AM

**Printed ON** 

15/Nov/2024 05:10PM

Test Name	Value	Unit	Biological Reference Interval

HbA1c (Glycosylated haemoglobin), EDTA whole blood 5.90

Method: HPLC

Estimated average plasma Glucose Method : Calculated

122.63

mg/dL

65 - 136

< 5.7

The test is approved by NGSP for patient sample testing.

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Metabolically normal patients	%	< 5.7
Pre-diabetic Pre-diabetic	%	5.7 - 6.4
Diabetic	%	> 6.4

Glycosylated hemoglobin or HbA1C is a reliable indicator of mean plasma glucose levels for a period of 8-12 weeks preceeding the date on which the test is performed and is a more reliable indicator of overall blood sugar control in known diabetic patients than blood sugar levels. A value of less than 5.7 % is usually seen in metabolically normal patients, however diabetics with very good control can also yield similar values. The HbA1c test, thus can not be used to differentiate between diabetic patients with very good control over the plasma glucose levels from metabolically normal, non-diabetic subjects as both groups may reveal very similar values in the assay.



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		Interval
0.51	mg/dl	0.1 - 1.2
0.19	mg/dl	0.0 - 0.3
0.32	mg/dl	0.1 - 1.1
23.90	U/I	<= 35.0
38.20	U/I	<= 45.0
51.20	U/I	30.0 - 120.0
83.40	U/I	11.0 - 61.0
6.99	g/dl	6.6 - 8.3
4.50	g/dl	3.5 - 5.2
2.49	g/dl	2.0 - 3.5
1.81		1.5 - 2.5
	0.19 0.32 23.90 38.20 51.20 83.40 6.99 4.50 2.49	0.19 mg/dl 0.32 mg/dl 23.90 U/I 38.20 U/I 51.20 U/I 83.40 U/I 6.99 g/dl 4.50 g/dl 2.49 g/dl

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NAME

Ref. Dr.

15/Nov/2024 05:10PM **Printed ON** 

Test Name	Value	Unit	Biological Reference Interval
Lipid Profile basic (direct HDL,calc	ulated LDL)		
Total Cholesterol, , serum Method : CHOD-POD	158.80	mg/dl	< 200.0
Triglycerides , serum Method : GPO-POD	107.70	mg/dl	< 150
HDL Cholesterol , serum Method : Direct measure PEG (CHE-CHO)	47.70	mg/dl	> 40
VLDL Cholesterol , serum  Method : Calculated	21.54	mg/dl	< 30
L.D.L Cholesterol , serum  Method : Calculated	89.56	mg/dl	< 100
Cholesterol, Non HDL , serum Method: Calculated	111.10	mg/dl	< 130
Total Cholesterol / HDL Cholesterol Ratio  Method: Calculated	, serum 3.33		< 5.0
LDL / HDL Cholesterol ratio , serum Method : Calculated Interpretation:	1.88		< 3.5
National Lipid Association Recommendation (NLA	A-2014)	8.3	
Desirable: <200 mg/dL Borderline high: 200-239 mg/dL High: > or =240 mg/dI	iglycerides ormal: <150 mg/dL orderline high: 150-199 mg/dL gh: 200-499 mg/dL cry high: > or =500 mg/dL		
Non HDL Cholesterol  Desirable: <130 mg/dL  Borderline high: 130-159 mg/dL  High: 160-189 mg/dL  Very high: > or =190 mg/dI	DL Cholesterol btimal: <100 mg/dL car Optimal: 100-129 mg/dL orderline high: 130-159 mg/dL gh: 160-189 mg/dL ory high: > or =190 mg/dL		
HDL Cholesterol Low (Men) <40 mg/dL Low (Women) <50 mg/dL			

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Ref. Dr. **MEDIWHEEL** Approved ON 15/Nov/2024 10:00AM BarcodeNo 01150271

Rpt. Centre **Printed ON** 15/Nov/2024 05:10PM

Test Name	Value	Unit	Biological Reference Interval
Thyroid Profile Total (T3, T4, TSH)			
T3, (Triiodothyronine) , serum Method : ECLIA	1.21	ng/mL	0.80 - 2.0
T4, (Thyroxine) , serum Method : ECLIA	10.20	ug/dL	5.1 - 14.1
TSH (Thyroid Stimulating Hormone) , serum Method : ECLIA	2.88	uIU/mI	0.27 - 4.2

#### Interpretation:

- · Primary hyperthyroidism is accompanied by elevated serum T3 and T4 values alongwith depressed TSH levels
- Primary hypothyroidism is accompanied by depressed serum T3 and T4 values and elevated serum TSH levels.
- High T3 levels coupled with normal T4 and suppressed TSH may be seen in T3 toxicosis.

Note: Total T3 and total T4 are highly bound to plasma proteins and are amenable to fluctuations with plasma protein content as well as due to binding defects in the thyroid hormone binding proteins.

#### The following ranges are recommended for pregnant females:

Gestation period	TSH (uIU/ml)
First trimester	0.1 - 2.5
Second trimester	0.2 - 3.0
Third trimester	0.3 - 3.0

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15/Nov/2024 05:10PM **Printed ON** 

Test Name	Value	Unit	Biological Reference Interval
Urine Routine & Microscopic Examin	ation		
Physical examination			
Volume	10	mL	
Colour	Pale Yellow		Pale yellow
Transparency	Clear		Clear
Specific gravity  Method: pKa change	1.020		1.003 - 1.035
Chemical examination			
Protein Method: error-of-indicator	Nil		Nil
Glucose  Method: GOD-POD	Nil		Nil
pH  Method: Double indicator	5.0		
Bilirubin Method : Azo-coupling reaction	Negative		Negative
Urobilinogen  Method: Azo- coupling reaction	Normal		Normal
Ketone  Method: Legals test	Negative		Negative
Erythrocytes Method : Peroxidase	Absent		Absent
Nitrite Method : Griess reaction	Negative		Negative
Leukocytes Method: Esterase activity of granulocytes	Absent	Leu/uL	Negative
Microscopic examination			
WBC	0 - 1	/ HPF	0 - 2
RBC	Nil	/ HPF	0 - 2
Casts	Nil	/ HPF	Nil
Crystals	Nil	/ HPF	Nil
Epithelial cells	Occasional	/ HPF	0 - 15
Bacteria	Absent		Absent
Others Method : Light microscopy	Nil		

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Dr. Deepak Sadwani MD Pathology Scan to view report Lab Director

Dr. Mayank Gupta MD, DNB Pathology Consultant Pathologist Dr. Moushmi Mukherjee

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MD Pathology Consultant Pathologist

Mousheei Mukkaezee





Lab No. 012411150271 Age/ Gender 37 YRS/MALE

01150271

Coll. ON 15/Nov/2024 08:38AM

Mr. NITIN

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Ref. Dr. **MEDIWHEEL** 

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### ECG Electro-cardiography

### Normal ECG.

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Eye Vision			
Right Eye		Left Eye	
NEAR VISION	N/6 (With Glass)	N/6	
DISTANCE	6/6 (With Glass)	6/6	
VISION	0/0 (With Glass)	0/ 0	
COLOR	Normal	Normal	
VISION	INOTHIAI	INOTHIAI	

#### **MER**

Address:DELHI, Mobile:9873520440

General	Fair, no pallor, no icterus, no anemia
Condition	observed
Height (cm)	181
Weight (kg)	86
Pulse (bpm)	73
BP (mm/hg)	116/69

Please note: Kindly review with clinician in view of abnormal reports (if any).

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Dr. Smita Sadwani MBBS. MD

Director

Dr. Mukesh Sharma MD(Microbiology) Consultant Microbiologist Lab Director

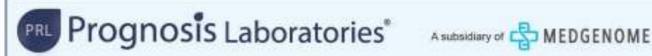
Dr. Deepak Sadwani Dr. Ashish Gautam MD(Pathology)

MD, PGDCC

Dr. Moushmi Mukherjee MBBS,MD (Pathology) Consultant Cardiologist Consultant Pathologist

DMC Regd. No. 48732

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Lab No. 012411150271 Age/ Gender 37 YRS/MALE Coll. ON

15/Nov/2024 08:38AM

NAME Mr. NITIN

Ref. Dr.

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**MEDIWHEEL** 

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15/Nov/2024 05:10PM

## X-Ray Chest PA view

Trachea and mediastinum are central.

Bilateral lung fields are clear.

Bilateral hilar shadows are normal.

Bilateral costophrenic angles are clear.

Cardiac shadow is normal.

Soft tissue shadows and bony rib cage is normal.

Impression: No significant abnormality seen.

Please correlate clinically

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\*\*\* Partial Report \*\*\*



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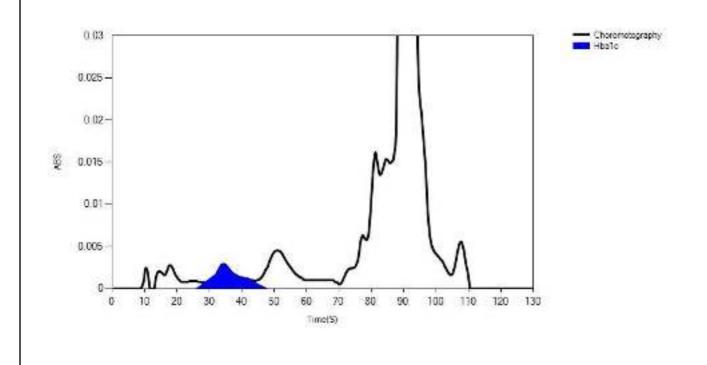
DR AMIT JAISWAL MBBS,DMRD.DNB (RADIO DIAGNOSIS)
Page 10 of 10 DMC No. 55709

## LIFOTRONIC Graph Report

Name: Case: Patient Type: Test Date: 15/11/2024 09:38:18

Age: Department: Sample Type: Whole Blood EDTA Sample Id: 01150271
Gender: Total Area: 9368

Peak Name	Retention Time(s)	Absorbance	Area	Result (Area %)
HbA0	66	2930	8394	87.3
HbA1c	37	46	573	5.9
La1c	25	29	201	2.1
HbF	21	7	11	0.1
Hba1b	13	28	111	1.1
Hba1a	10	20	78	0.8



## **PROGNOSIS LABORATORIES**

# A SUBSIDIARY OF MEDGENOME

515-516 DWARKA SEC19 NEW DELHI 110075

Mr. NITIN
I.D. : 298
AGE/SEX : 37 Yr /M
HT/WT : /

DATE : 15-11-2024 10:23:31 AM REF.BY : Dr.MEDIWHEEL

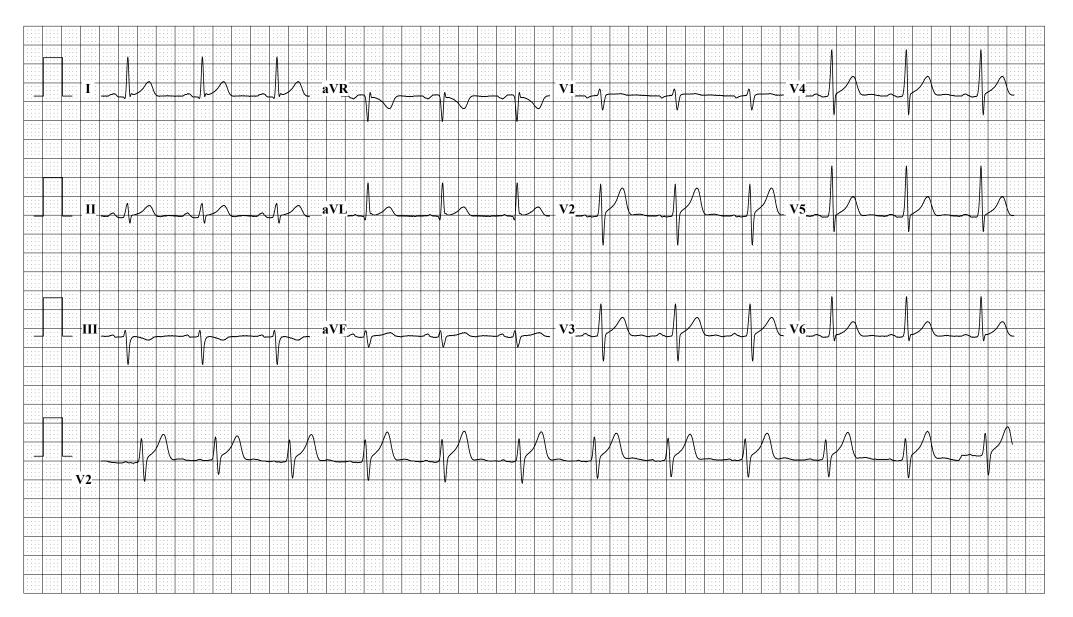
**MACHINE INTERPRETATION: Normal ECG.** 

RATE : 77 bpm P Duration : 112 ms
BP : N/A PR Duration : 155 ms
P Axis : 44 deg. QRS Duration : 99 ms
OPS Axis : 8 deg. OT Interval : 343 ms

QRS Axis : -8 deg. QT Interval : 343 ms
T Axis : 18 deg. QTc Interval : 376 ms

**Linked Median** 

Speed: 25 mm/s Sensitivity: 10 mm/mV



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Name NITTIN
S/W/D SH PRITSTNGH

DOS: 18/12/1987 85: U

Address:
VILL DARLYA PUR PO ILLWA NEW

DY CHILLIBORY



Auth to Drive LNV MCWG

Date of Issue 05/02/2007 05/02/2007

Instite Date : 27/07/2019
Validing(NT) : 04/02/2017
Validing(T) : N4
Lev Care No : NA

- (Holder Signature)

Issuing Authority SWZ-1,PALAM