





Lab No. 012409010388 Age/Gender 35 YRS/MALE Coll. ON 01/Sep/2024 10:53AM

NAME Mr. UMANG MEHNDIRATTA 01/Sep/2024 Reg. ON

Ref. Dr. **MEDIWHEEL** BarcodeNo Approved ON 01/Sep/2024 02:11PM 01010388

Printed ON Rpt. Centre Email, Self 03/Sep/2024 06:45PM

Test Name	Value	Unit	Biological Reference Interval
			Tittoi vai
Complete Haemogram, EDTA who	ole blood		
Haemoglobin (Hb) Method: Colorimetry	12.80	gm/dl	13.0 - 17.0
RBC count Method : Electrical impedence	4.71	Millons/cmm	4.5 - 5.5
PCV / Haematocrit Method : Calculated	37.00	%	40.0 - 50.0
MCV Method: Calculated	78.70	fl	83.0 - 101.0
MCH Method: Calculated	27.20	picogram	27.0 - 32.0
MCHC Method : Calculated Method : Calculated	34.50	%	31.5 - 34.5
RDW - CV Method : Calculated	13.50	%	11.6 - 14.0
Mentzer Index Method: Calculated	16.71		>= 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	7,060	/cmm	4000 - 10000
DLC (Flowcytometry)			
Neutrophils	55.30	%	35.0 - 75.0
Lymphocytes	36.00	%	25.0 - 45.0
Eosinophils	3.70	%	1.0 - 5.0
Monocytes	4.40	%	1.0 - 6.0
Basophils	0.60	%	0 - 1
Absolute Leucocyte Count (Calculated)			
Absolute Neutrophil Count	3,904.18	/cmm	2000 - 7000
Absolute Lymphocyte Count	2,541.60	/cmm	1000 - 3000
Absolute Eosinophil count	261.22	/cmm	20 - 500
Absolute Monocyte count	310.64	/cmm	200 - 1000
Absolute Basophil count	42.36	/cmm	0 - 100
Platelet count Method: Electrical impedence	3.63	Lakh/cmm	1.5 - 4.1
ESR (Erythrocyte Sedimentation Rate) Method: Westergren method	10	mm/1st hr	0 - 22

RBCs are normocytic and normochromic.

Leucocytic series is numerically and morphologically within normal limits.

Platelets are adequate in number and are normal in morphology.

No atypical cells or haemoparasites are seen.

Impression: Normal peripheral smear.

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

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Unit Test Name Value **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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60 - 100

mg/dL



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92.50

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Test Name	Value	Unit	Biological Reference Interval

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

• A fasting plasma glucose level below 100 mg/dl is considered normal.

Glucose Fasting, plasma

Method: GOD POD

- 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.



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Test Name	Value	Unit	Biological Reference Interval
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HbA1c (Glycosylated haemoglobin), EDTA whole blood 4.50 < 5.7

Method : HPLC Estimated average plasma Glucose 82.45 mg/dL 65 - 136

The test is approved by NGSP for patient sample testing.

Method : Calculated

Metabolically normal patients	%	< 5.7
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 preceding 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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Test Name	Value	Unit	Biological Reference Interval
LFT (Liver Function Test)			
Serum Bilirubin Total Method : Diazotized Sulfanilic Acid (DSA)	0.91	mg/dl	0.1 - 1.2
Serum Bilirubin Direct Method : Diazotized Sulfanilic Acid (DSA)	0.27	mg/dl	0.0 - 0.3
Serum Bilirubin Indirect Method : Calculated	0.64	mg/dl	0.1 - 1.1
Serum SGOT/AST Method : IFCC without P5P	23.70	U/I	<= 35.0
Serum SGPT/ALT Method : IFCC without P5P	39.30	U/I	<= 45.0
Serum Alkaline Phosphatase Method : PNP, AMP Buffer	118.00	U/I	30.0 - 120.0
Gerum GGT (Gamma Glutamyl Transpeptidase) Method: UV-assay according to Szasz	26.40	U/I	11.0 - 61.0
Serum total Protein Method : Biuret	8.01	g/dl	6.6 - 8.3
Serum Albumin Method : Bromo Cresol Green	4.80	g/dl	3.5 - 5.2
Serum Globulin Method : Calculated	3.21	g/dl	2.0 - 3.5
Albumin / Globulin ratio Method : Calculated	1.50		1.5 - 2.5

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Address:MIG FLAT MAYAPURI, Mobile:9871498576

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Test Name





Biological Reference

Unit



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Value

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			Interval
Lipid Profile basic (direct HDL,calculated L	.DL)		
Total Cholesterol, , serum Method: CHOD-POD	130.10	mg/dl	< 200.0
Triglycerides , serum Method : GPO-POD	145.00	mg/dl	< 150
HDL Cholesterol , serum Method : Direct measure PEG (CHE-CHO)	36.30	mg/dl	> 40
VLDL Cholesterol , serum Method : Calculated	29.00	mg/dl	< 30
L.D.L Cholesterol , serum Method : Calculated	64.80	mg/dl	< 100
Cholesterol, Non HDL , serum Method : Calculated	93.80	mg/dl	< 130
Total Cholesterol / HDL Cholesterol Ratio , serum Method : Calculated	3.58		< 5.0
LDL / HDL Cholesterol ratio , serum Method : Calculated	1.79		< 3.5
Interpretation:			
National Lipid Association Recommendation (NLA-2014)			
Total Cholesterol Desirable: <200 mg/dL Borderline high: 200-239 mg/dL High: > or =240 mg/dL Triglycerides Normal: <150 t Borderline high High: 200-499 Very high: > or	ng/dL n: 150-199 mg/dL mg/dL		
Rorderline high: 130-159 mg/dl	mg/dL 100-129 mg/dL i: 130-159 mg/dL mg/dL		
HDL Cholesterol Low (Men) <40 mg/dL Low (Women) <50 mg/dL			

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Consultant Pathologist

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Rpt. Centre Email, Self Printed ON 03/Sep/2024 06:45PM

Test Name	Value	Unit	Biological Reference Interval
Thyroid Profile Total (T3, T4, TSH)			
T3, (Triiodothyronine) , serum Method : ECLIA	1.28	ng/mL	0.80 - 2.0
T4, (Thyroxine) , serum Method : ECLIA	9.96	ug/dL	5.1 - 14.1
TSH (Thyroid Stimulating Hormone) , serum Method : ECLIA	3.15	uIU/ml	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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Ref. Dr. **MEDIWHEEL** BarcodeNo Approved ON 01/Sep/2024 03:33PM 01010388

Rpt. Centre Email, Self Printed ON 03/Sep/2024 06:45PM

Unit **Biological Reference** Test Name Value Interval

Urine Routine & Microscopic Examination

Physical examination

Volume mL Colour Pale Yellow Pale yellow Transparency Clear Clear 1.005 1.003 - 1.035 Specific gravity

Method : pKa change **Chemical examination**

Method: Light microscopy

Bilirubin

Protein Nil Method : error-of-indicator

Nil Glucose Nil Method: GOD-POD

Method: Double indicator

Negative Negative Method: Azo-coupling reaction Urobilinogen Normal Normal

Method: Azo- coupling reaction Negative Negative Ketone

Method : Legals test Erythrocytes Absent Absent

Method : Peroxidase Microscopic examination **WBC** / HPF 0 - 2

RBC 0 - 2Nil / HPF Casts Nil / HPF Nil Nil / HPF Crystals Nil / HPF 0 - 15 Epithelial cells Occasional Bacteria Absent Absent

Nil Others

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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

Mousheii Mukkeezee

MD Pathology Consultant Pathologist

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NAME Mr. UMANG MEHNDIRATTA 01/Sep/2024 Reg. ON

Ref. Dr. **MEDIWHEEL** BarcodeNo 01010388 Approved ON 02/Sep/2024 12:25PM

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ECG Electro-cardiography

Normal ECG.

Eye Vision			
	Right Eye	Left Eye	
MEAD VICION	Vicually Uppaired	Visually	
NEAR VISION	Visually Unpaired	Unpaired	
DISTANCE	Vioually I Innaired	Visually	
VISION	Visually Unpaired	Unpaired	
COLOR	Visually	Visually	
VISION	Unpaired	Unpaired	

MER

General	Fair, no pallor, no icterus, no anemia
Condition	observed
Height (cm)	168
Weight (kg)	65
Pulse (bpm)	89
BP (mm/hg)	134/85

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

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Dr. Smita Sadwani MBBS. MD

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Director

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

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

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■ 200 DMC Regd. No. 48732

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Ref. Dr. **MEDIWHEEL** BarcodeNo 01010388 **Approved ON** 01/Sep/2024 02:14PM Rpt. Centre Email, Self Printed ON 03/Sep/2024 06:45PM

X-Ray Chest PA view

Trachea and mediastinum are central.

Bilateral lung fields are clear.

Left hilum appears prominent.

Right hilum appears normal.

Bilateral costophrenic angles are clear.

Cardiac shadow is normal.

Soft tissue shadows and bony rib cage is normal.

Please correlate clinically

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Mr. UMANG MEHNDIRATTA

I.D. : 359 AGE/SEX : 35 Yr /M HT/WT : /

DATE : 01-09-2024 01:20:39 PM

REF.BY: Dr.MEDIWEEL

MACHINE INTERPRETATION: Normal ECG.

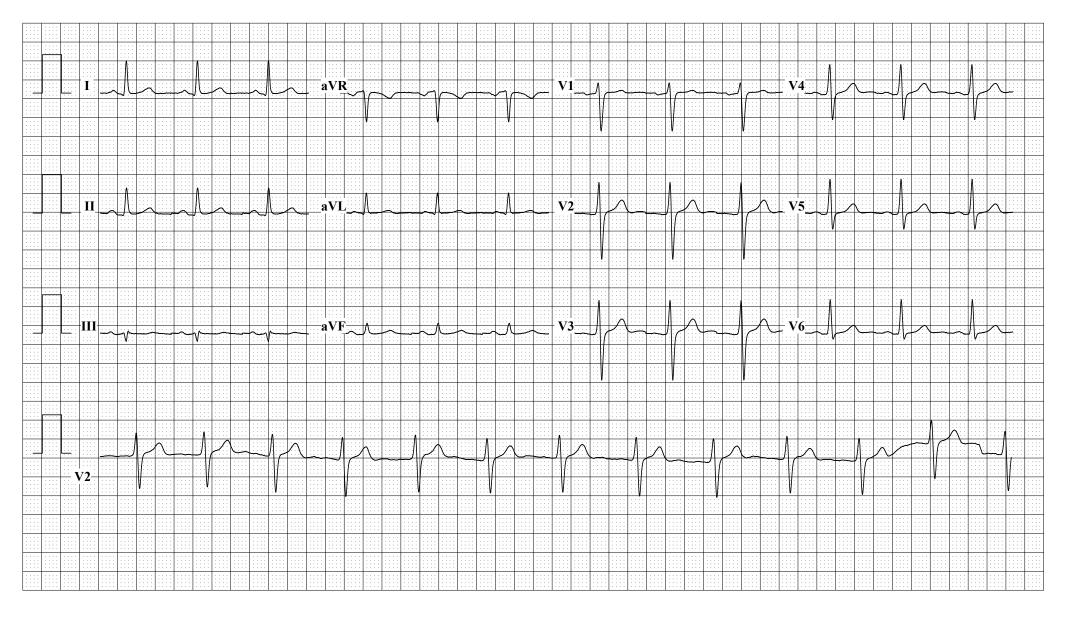
515-516 DWARKA SEC19 NEW DELHI 110075

RATE : 81 bpm P Duration : 109 ms
BP : N/A PR Duration : 152 ms
P Axis : 50 deg. QRS Duration : 103 ms
QRS Axis : 23 deg. QT Interval : 343 ms

T Axis : 44 deg. QTc Interval : 381 ms

Linked Median

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



9250 0083 5846



पताः S/O गुजशन कुमार मेहंदीयता, ई-७ए एम. माई-औ. वाहिका अपार्टमेंट्स, माथापुरी, एम. माई-औ. वाहिका अपार्टमेंट्स, माथापुरी, दाह्यणी पश्चामी दिल्ली, दिल्ली, 110064 ह्य Mayapuri, South West Delhi, Delhi, 110064

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