



Unit

mmol/L

### **Laboratory Investigation Report**

Patient Name Centre Age/Gender OP/IP No

Max ID/Mobile Collection Date/Time Lab ID Receiving Date Ref Doctor Reporting Date Passport No.

> **Clinical Biochemistry Wellwise Advance Plus**

## Glycosylated Haemoglobin (HbA1C),EDTA Routine\*

**HPLC** 

**IFCC** 

>/= 6.5 % Diabetic

11/Dec/2021 **Bio Ref Date** 06:40AM Interval 5.7 0 - 5.7 Glycosylated % Haemoglobin(Hb A1c) Glycosylated 39.11 mmol/mol < 39.0Haemoglobin(Hb A1c) **IFCC** Average Glucose Value 117.75 mg/dL For the Last 3 Months

Average Glucose Value 6.52 For the Last 3 Months

**Comment** < 5.7 % Non Diabetic 5.7 - 6.4 % Pre Diabetic



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Patient Name

Age/Gender

OP/IP No

Max ID/Mobile

Lab ID

Ref Doctor

Ref Doctor

Passport No.

Clinical Biochemistry
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### KFT Profile with Calcium, Uric Acid\*, Serum

Date	11/Dec/2021	Unit	<b>Bio Ref Interval</b>
	06:40AM		
<b>Urea</b> Urease , Kinetic	27.4	mg/dl	19.3 - 42.6
Creatinine Jaffe	0.65	mg/dl	0.5 - 0.9
eGFR	94.49	ml/min/ 1.73m^2	0 - 90
<b>Uric Acid</b> Uricase	5.5	mg/dl	2.4 - 5.7
Calcium (Total) NM BAPTA	9.49	mg/dl	8.6 - 10.2
Sodium ISE Indirect	142.0	mEq/L	135 - 148
Potassium ISE Indirect	4.17	mEq/L	3.8 - 5.2
Chloride ISE Indirect	101.3	mEq/L	100 - 105
Bicarbonate Colorimetry	23.8	mEq/L	22 - 29



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### Liver Function Test Profile, Serum\*

Date	11/Dec/2021	Unit	<b>Bio Ref Interval</b>
	06:40AM		
Total Protein Biuret	6.94	gm/dl	6.4 - 8.2
Albumin BCG	4.2	gm/dl	3.5 - 5.2
Globulin Calculated	2.7	gm/dl	2.0 - 3.5
A.G. ratio Ratio	1.6	Ratio	0.8 - 2.0
Bilirubin (Total) <sup>Diazo</sup>	0.310	mg/dl	<1.2
Bilirubin (Direct) Diazo	0.136	mg/dl	< 0.2
Bilirubin (Indirect) Calculated	0.17	mg/dl	0.0 - 0.8
SGOT- Aspartate Transaminase (AST) ENZYMATIC IFCC	18.9	U/L	0 - 40
SGPT- Alanine Transaminase (ALT) ENZYMATIC IFCC	21.6	U/L	0 - 40
Alkaline Phosphatase Colorimetric (IFCC)	117	U/L	35 - 104
GGTP (Gamma GT), Serum Gama-G-carboxy antitide	16.0	U/L	1 - 40

**Comment** Kindly note the change in reference range with effect from 16-10-2019

Reference Range for INR:

For Normal Patients: - 1.0-1.3

For patients with,

Standard dose therapy - 2.0 - 3.

High dose therapy- 2.5 - 3.5



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Swami Vivekananda Rd, near LIC, LIC Colony, Suresh Colony, Vile Parle West, Mumbai, Maharashtra 400056,





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> **Clinical Biochemistry Wellwise Advance Plus**

Kindly correlate with clinical findings

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

Dr. Maya Varde M.D

Dr. Priyanka Vichare M.D Clinical Associate Pathology Consultant Pathology



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**Immunoassay** 

**Wellwise Advance Plus** 

### Thyroid Profile\*, Serum\*

Date	11/Dec/2021 06:40AM	Unit	Bio Ref Interval
Free Triiodothyronine (FT3) ECLIA	3.60	pg/mL	2.0 - 4.4
Free Thyroxine (FT4) ECLIA	1.20	ng/dL	0.93 - 1.7
Thyroid Stimulating Hormone ECLIA	3.42	mIU/L	0.27 - 4.2

Kindly correlate with clinical findings

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





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**Blood Sugar Fasting, Fluoride Plasma** 

Date 11/Dec/2021 Unit Bio Ref Interval

06:40AM

Glucose (Fasting) 81.5 mg/dl 60 - 100

Hexokinase

Passport No.

Comment Non-Diabetic: <100mg/dl

Impaired Fasting Glucose(IFG): 100-125 mg/dl

Diabetic: >= 126 mg/dl Random Sugar : 60-200 mg/dl



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Clinical Biochemistry
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#### Lipid Profile, Serum

Date	11/Dec/2021	Unit	Bio Ref
	06:40AM		Interval
Cholesterol Enzymatic Colorimetry	181.3	mg/dl	0 - 200
HDL Cholesterol Enzymatic Colorimetry	53.1	mg/dl	> 60
LDL Cholesterol Enzymatic Colorimetry	120.1	mg/dl	0 - 100
Triglyceride Enzymatic Colorimetry	99.7	mg/dl	0 - 150
VLDL Cholesterol Calculated	19.9	mg/dl	0 - 40
Total Cholesterol/HDL Ratio Calculated	3.4	Ratio	3.3 - 4.4
Non-HDL Cholesterol Calculated	128.20	mg/dL	< 130
HDL/LDL Calculated	0.44	Ratio	0.3 - 0.4

#### Comment

Note: Methodology of estimation of Low density lipoprotein cholesterol has been changed to direct estimation (enzymatic method) instead of calculation wef from 08-05-2019.

Note: Friedewald equation does not hold true as direct Low density lipoprotein cholesterol is being reported instead of calculated.

VLDL-Cholesterol is calculated by using formula: Serum Triglycerides/5

INTERPRETATION:

Cholesterol(Enzymatic):

Desirable : < 200 mg/dl Borderline : 200 - 239 mg/dl High :> 240 mg/dl

Triglyceride (Enzymatic):
Desirable : < 150 mg/dl
Borderline High : 150 - 199 mg/dl
High : 200 - 499 mg/dl



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VeryHigh : > 500 mg/dl

HDL Cholesterol (Enzymatic): Desirable : > 60 mg/dl: 40 - 60 mg/dlBorderline : < 40 mg/dl Low

DL Cholesterol (Enzymatic): < 100 mg/dl (Calculated)

VLDL Cholesterol : 5 - 30 mg/dl (Calculated)

Cholesterol/HDL Ratio: 0 - 4.5 (Calculated)

LDL/HDL Ratio : 0 - 3.5 (Calculated)

(Ranges adapted from National Cholesterol Education program Expert Panel: Circulation 2002;106:3143-3421)

#### Inorganic Phosphorus, Serum

**Bio Ref** Date 11/Dec/2021 Unit Interval

06:40AM

Phosphorus(inorg) 7.09 2.5 - 4.5mg/dl

Phosphomolybdate Formation

Kindly correlate with clinical findings

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

Dr. Maya Varde M.D Consultant Pathology Dr. Priyanka Vichare M.D Clinical Associate Pathology



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**Urine Routine And Microscopy** 

Date 11/Dec/2021 Unit Bio Ref Interval

06:40AM

Macroscopy pH indicator

Passport No.

Colour PALE

YELLOW

PH 6.0 Specific Gravity 1.020

Protein ABSENT

Glucose. ABSENT

Ketones ABSENT

Blood ABSENT
Bilirubin ABSENT

Urobilinogen NORMAL
Nitrite Positive

Microscopy

Red Blood Cells (RBC) ABSENT
White Blood Cells 20-25
Squamous Epithelial Cells 2-4
Cast Nil
Crystals Nil
Bacteria +++

Kindly correlate with clinical findings

SAMPLE QUANTITY: 30 ML.

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



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Pale Yellow -

Deep Amber

1.005 - 1.03

4.5 - 8.0

Absent

**ABSENT** 

Absent

Nil

mg/dl

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Dr. Maur Vanda M.D.

Passport No.

Dr. Maya Varde M.D Consultant Pathology



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Patient Name

Age/Gender

Max ID/Mobile

Lab ID

Ref Doctor

Passport No.

Hematology

**Wellwise Advance Plus** 

# Complete Haemogram, Peripheral Smear and ESR,EDTA

Date	11/Dec/2021	Unit	Bio Ref
	06:40AM		Interval
Haemoglobin SLS Method	11.1	g/dl	12 - 15
Packed Cell, Volume Direct	36.8	%	36 - 46
Total Leucocyte Count (TLC) Flow Cytometry	6240	/µL	4000 -10000
RBC Count Sheath Flow DC Detection	4.16	mill/µL	3.8 - 4.8
MCV Calculated	88.5	fl	81 - 99
MCH Calculated	26.7	Pg	27 - 32
MCHC Calculated	30.2	g/dl	31.5 - 34.5
Platelet Count Flow Cytometry	261	x 1000/µL	150 - 400
MPV	11.1	fl	7 - 12
RDW Calculated	12.9	%	11 - 16
<u>Differential Cell Count</u> Flow Cytometry			
Neutrophils	34.4	%	40 - 80
Lymphocytes	51.0	%	20 - 40
Monocytes	5.9	%	2 - 10
Eosinophils	8.2	%	2 - 6
Basophils	0.5	%	0 - 2
Absolute Leukocyte Co	unt		
Absolute Neutrophil Coun	t 2146.56	/µL	2000 - 7000
		<i>:</i> .	

Absolute Lymphocyte

Count

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1000 - 3000

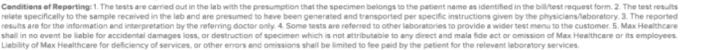
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3182.4

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/µL





Patient Name Centre
Age/Gender OP/IP No

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Hematology

**Wellwise Advance Plus** 

 Absolute Monocyte Count 368.16
 /μL
 200 - 1200

 Absolute Eosinophil Count 511.68
 /μL
 20 - 500

 Absolute Basophil Count 31.2
 /μL
 20 - 100

 ESR (Westergren)
 12
 mm/hr
 0 - 20

Peripheral Smear Examination

Passport No.

Peripheral Blood Film:-

RBC:- Normocytic / Normochromic

WBC:- TLC within normal limits. No abnormal cell seen.

Platelets are adequate on smear.

No hemoparasite seen on thin smear examined.

Kindly correlate with clinical findings

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

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Centre

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**Immunoassay** 

**Wellwise Advance Plus** 

Vitamin B12, Serum

Date 11/Dec/2021 Unit Bio Ref Interval

06:40AM

Vitamin B12 416.3 pg/mL 160 - 760

ECLIA

25 Hydroxy Vitamin D Level, Serum

Date 11/Dec/2021 Unit Bio Ref Interval

06:40AM

25 Hydroxy, Vitamin D 39.37 ng/mL

ECLIA

Reference range in ng/mL

< 20 - DEFICIENCY 20 - 30 - INSUFFICIENCY > 30 - SUFFICIENCY

> 100 - TOXICITY

Kindly correlate with clinical findings

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



Consultant Pathology



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