



Patient Name : Mrs. Indu Nagpal Centre : 903 - Max Lab, Sector 40, Gurugram

Age/Gender OP/IP No :51 Y 6 M 2 D /F :/

Max ID/Mobile : ML00234145/9811333921 Collection Date/Time : 28/May/2021 11:05AM

Lab ID : 0591052101036~2 Receiving Date : 28/May/2021 Ref Doctor : SELF Reporting Date : 28/May/2021

### Serology Elisa

### IgE (Immunoglobulin-E)\*, Serum

28/May/2021 **Bio Ref** Date Unit

11:05AM **Interval** 

14.2 kUA/L 0-64 Immunoglobulin-IgE

Comment Total IgE is an in vitro test system for the quantitative measurement of circulating total IgE in human serum or plasma. It is intended for in vitro diagnostic use as an aid in the clinical diagnosis of IgE mediated allergic disorders in conjunction with other clinical findings, and is to be used in clinical laboratories. A definite clinical diagnosis should not be made as a result of single test only, but should be made by taking into account clinical history and other laboratory findings.

Kindly correlate with clinical findings

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

Dr. Bansidhar Tarai, M.D.

Senior Consultant & Head - Microbiology

Dr. Poornima Sen, M.D.

Consultant - Microbiology

Dr. Madhuri Somani, M.D., DNB

Consultant - Microbiology

Celladeuri



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SIN No:B2B798100, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017 Booking Centre: 903 - Max Lab, Sector 40, Gurugram, H.No C 2 GF Sector 40, Gurgaon, 9971264353

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C Helpline No. 7982 100 200 ⊕ www.maxlab.co.in feedback@maxlab.co.in





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	Clinical Biochemistry		
Test Name	Result	Unit	Bio Ref Interval
Immunoglobulin Profile (IgG + IgA	A + IgM), Serum*		
Immunoglobulin IgA	186.14	mg/dL	70 - 400
Immunoglobulin IgG	822.91	mg/dL	700 - 1600
Immunoglobulin IgM	99.02	mg/dL	40 - 230



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### **Clinical Biochemistry**

Homocysteine, Quantitative\*, Serum

Date 28/May/2021 Unit Bio Ref

11:05AM Interval

Homocysteine, 11.3  $\mu$ mol/L 3 - 12

Quantitative Enzymatic Kinetic

**Interpretation** Measurement of Homocysteine is considered important to diagnose homocystinuria, to identify individuals with or at a risk of developing cobalamin or folate deficiency, and to assess Homocysteine as a risk factor for cardiovascular disease (CVD) and other disorders.



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### **Clinical Biochemistry**

#### **WellWise Exclusive Profile-Female**

## Iron and Total Iron Binding Capacity, Serum\*

Date	28/May/2021 24/Nov/18		Unit	<b>Bio Ref Interval</b>
	10:53AM	10:45AM		
Iron TPTZ- No deproteinization	25.1	18.5	μg/dL	60 - 180
UIBC Nitroso - PSAP	401	464	μg/dL	155 - 355
Total Iron Binding Capacity Calculated	426	483	μg/dL	215 - 535
Transferrin Saturation Calculated	5.89	3.83	%	17 - 37



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### **Clinical Biochemistry**

#### **WellWise Exclusive Profile-Female**

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

HPI (

Date	28/May/2021 17/May/20		24/Nov/18		J <b>nit</b>	<b>Bio Ref Interval</b>	
	10:53AM	09:50AM	10:45AM				
Glycosylated Haemoglobin(Hb A1c)	8.9	12.6	8.9	%	6	< 5.7	
Glycosylated Haemoglobin(Hb A1c) IFCC	73.76	114.21	73.76	m	nmol/mol	< 39.0	
Average Glucose Value For the Last 3 Months	208.73	314.92	208.73	m	ng/dL		
Average Glucose Value For the Last 3 Months IFCC	11.56	17.44	11.56	m	nmol/L		

**Interpretation** The following HbA1c ranges recommended by the American Diabetes Assocation(ADA) may be used as an aid in the diagnosis of diabetes mellitus.

HbA1C(NGSP %)	HbA1C(IFCC mmol/mol)	Suggested Diagnosis
<u>&gt;</u> 6.5	<u>&gt;</u> 48	Diabetic
5.7 - 6.4	39 - 47	Pre- Diabetic
< 5.7	< 39	Non - Diabetic

HbA1C provides a useful index of average glycaemia over the preceding 6-8 weeks.

It is suggested that HbA1c is measured every 6 months in stable patients, every 3 months in patients with unstable metabolic control and every month in pregnancy.

Increased Glycated hemoglobin is a reflection of Hyperglycemia.

Kindly correlate with clinical findings

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



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**Clinical Biochemistry** 

**WellWise Exclusive Profile-Female** 

Dr. Akash Banwari, M.D.(Path) **Pathologist** 

Dr. Poonam. S. Das, M.D.

Principal Director-

Max Lab & Blood Bank Services

Dr. Dilip Kumar M.D. Associate Director &

Manager Quality

Dr. Nitin Dayal, M.D.

Principal Consultant & Head,

Haematopathology



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#### **Immunoassay**

#### **WellWise Exclusive Profile-Female**

#### Ferritin,Serum\*

Date	28/May/202	28/May/2021 24/Nov/18		<b>Bio Ref Interval</b>
	10:53AM	10:45AM		
Ferritin	10.5	5	ng/mL	13 - 150
ECLIA				

### Thyroid Profile\*, Serum\*

Date	28/May/2021	17/May/20	24/Nov/18	Unit	<b>Bio Ref Interval</b>
	10:53AM	09:50AM	10:45AM		
Free Triiodothyronine (FT3) CLIA	3.94	3.13	3.66	pg/mL	2.6 - 4.2
Free Thyroxine (FT4)	0.91	0.77	0.76	ng/dL	0.58 - 1.64
Thyroid Stimulating Hormone CLIA	3.82	3.16	3.96	μIU/mL	0.34 - 5.6

#### Comment

Parameter	Unit	Premature (28 - 36 weeks)	Cord Blood (> 37 weeks)	Upto 2 Month		1st Trimester	2nd Trimester	3rd Trimester
FT3	Pg/mL		0.15 - 3.91	2.4 - 5.6	2.6 - 4.2	2.11 - 3.83	1.96 - 3.38	1.96 - 3.38
FT4	ng/dl		0.89 - 1.53	0.58 - 1.64	0.58 - 1.64	0.7 - 2.0	0.5 - 1.6	0.5 - 1.6
TSH	uIU/ml	0.7 - 27.0	2.3 - 13.2	0.5 - 10	0.38 - 5.33	0.1 - 2.5	0.2 - 3.0	0.3 - 3.0

**Note :** TSH levels are subject to circadian variation, reaching peak levels between 2-4 am and at a minimum between 6-10 pm. The variation is of the order of 50% - 206 %, hence time of the day has influence on the measured serum TSH concentrations.



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**Immunoassay** 

**WellWise Exclusive Profile-Female** 

Vitamin B12, Serum\*

Date 28/May/2021 17/May/20 24/Nov/18 Unit Bio Ref Interval

10:53AM 09:50AM 10:45AM

Vitamin B12 508.0 480.0 181.0 pg/mL 120 - 914

CLIA

### Interpretation

Note:- Vitamin B12 (Cobalamin)

Vitamin B12 is tested for patients with GIT disease, Neurological disease, psychiatric disturbances, malnutrition, alcohol abuse.

Increased in chronic renal failure, severe CHF.

Decreased in megaloblastic anemia.

Advise: CBC, peripheral smear, serum folate levels, intrinsic factor antibodies (IFA), bone marrow examination, if Vit B12 deficient.



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#### **Immunoassay**

#### **WellWise Exclusive Profile-Female**

### 25 Hydroxy Vitamin D Level, Serum\*

Date 28/May/2021 17/May/20 24/Nov/18 Unit Bio Ref Interval

10:53AM 09:50AM 10:45AM

25 Hydroxy, Vitamin D **26.07 20.67 25.72** ng/mL 30-100

CLIA

#### **Ref Range**

Vitamin D Status	25 (OH) Vitamin D Concentration Range (ng/ml)	
Sufficiency	30-100	
Insufficiency	20-29	
Deficiency	<20	
Potential Toxicity	>100	

## Interpretation

Vitamin D toxicity can be due to

- 1. Use of high doses of vitamin D for prophylaxis or treatment
- 2. Taking vitamin D supplements with existing health problems such as kidney disease, liver disease, tuberculosis and hyperparathyroidism Vitamin D deficiency can be due to:
- 1. Inadequate exposure to sunlight,
- 2. Diet deficient in vitamin D
- 3. Malabsorption

Advice: Serum calcium, phosphorus and PTH



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**Immunoassay** 

**WellWise Exclusive Profile-Female** 

Folate, Serum\*

Date 28/May/2021 24/Nov/18 Unit **Bio Ref Interval** 

> 10:53AM 10:45AM

40.0 Folate Serum >47 ng/mL >5.9

Rechecked

Ref Range

iter italige		
Folate (Normal)	>5.9	
Folate (Indeterminate)	4.0 - 5.9	
Folate (Deficient)	<4.0	

#### Interpretation

A folate deficiency can lead to megaloblastic anemia and ultimately to severe neurological problems. Folate deficiency can be caused by insufficient dietary intake, malabsorption or excessive folate utilization, which is common during pregnancy, alcoholism, hepatitis, or other liver-damaging diseases.

Kindly correlate with clinical findings

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

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### **Clinical Biochemistry**

### **WellWise Exclusive Profile-Female**

### **Blood Sugar Fasting, Fluoride Plasma**

Date 28/May/2021 17/May/20 24/Nov/18 Unit Bio Ref Interval

10:53AM 09:50AM 10:45AM

Glucose (Fasting) 119 386 176 mg/dL 74 - 99

Hexokinase

CRP (C-Reactive Protein), High Sensitive, Serum

Date 28/May/2021 24/Nov/18 Unit Bio Ref Interval

10:53AM 10:45AM

C-Reactive Protein, High 0.63 0.28 mg/dL

Sensitive

Latex particle Immunoturbidimetric

Reference Values in the table given below are recommended cardiovascular risk groups, in primary prevention settings by AHA/CDC and NACB expert panel.

Risk Level	CRP (mg/L)	CRP (mg/dL)
Low	< 1.0	< 0.10
Average	1.0 - 3.0	0.10 - 0.30
High	> 3.0	>0.30

Increase in CRP levels is non – specific, and interpretation must be undertaken in comparison with previous Hs CRP values or other cardiac risk indicators (Cholesterol, HDL etc.) Single measurement may lead to an erroneous assessment of early cardiac inflammation.

# Lipid Profile, Serum

Date	28/May/2021 17/May/20		24/Nov/18	Unit	<b>Bio Ref Interval</b>	
	10:53AM	09:50AM	10:45AM			
Cholesterol Cholesterol oxidase, esterase, peroxidase	191	215	183	mg/dL	< 200	
HDL Cholesterol Direct measure, immunoinhibition	46.0	38.0	44.0	mg/dL	> 40	
LDL Cholesterol	140.0	157.0	139.0	mg/dL	< 100 Page 11 of 23	

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# **Clinical Biochemistry**

### **WellWise Exclusive Profile-Female**

Direct measure					
Triglyceride Enzymatic, end point	144.0	238.0	103.0	mg/dL	< 150
VLDL Cholesterol Calculated	28.8	47.6	20.6	mg/dl	< 30
Total Cholesterol/HDL Ratio Calculated	4.2	5.7	4.2		0.0-4.9
Non-HDL Cholesterol Calculated	145.00	177.00		mg/dL	< 130
HDL/LDL Calculated	0.33			Ratio	0.3 - 0.4

### Interpretation

Lab ID

Total Chol	l esterol	Desirable: $< 200 \text{ mg/dL}$ Borderline High: 200-239 mg/dL High $\ge 240 \text{ mg/dL}$	LDL-C	Optimal: < 100 mg/dL Near Optimal: 100- 129 mg/dL Borderline High: 130-159 mg/dL High: 160-189 mg/dL Very High: ≥ 190 mg/dL
HDL	C	Low HDL: $<$ 40 mg/dL High HDL: $\ge$ 60 mg/dL	Triglyceride	Normal: <150 mg/dL Borderline High: 150-199 mg/dL High: 200-499 mg/dL Very High: ≥ 500 mg/dL



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**Clinical Biochemistry** 

**WellWise Exclusive Profile-Female** 

Inorganic Phosphorus, Serum

**Date** 28/May/2021 17/May/20 24/Nov/18 Unit **Bio Ref Interval** 

> 10:53AM 09:50AM 10:45AM

3.6 2.5 - 4.5 4.43 4.27 mg/dL Phosphorus(inorg)

Phosphomolybdate-U\

### Interpretation

Lab ID

Increased in Osteolytic metastatic bone tumors, myelogenous leukemia, sarcoidosis, milk-alkali syndrome, vitamin D intoxcation, healing fractures, renal failure, hyperparathyroidism, PTH resistance (Pseudohypoparathyroidism) and diabetes mellitus with ketosis.

Decreased in Osteomalacia, steatorrhea, renal tubular acidosis, growth hormone deficiency, acute alcoholism, gram-negative bacterial septicemia, hypokalemia, familial hypophosphatemic rickets, Vitamin D deficiency, severe malnutrition, malabsorption, secondary diarrhea, vomiting, nasogastric suction, primary hyperthyroidism and PTH producing tumors.



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### **Clinical Biochemistry**

#### **WellWise Exclusive Profile-Female**

### KFT Profile with Calcium, Uric Acid, Serum

Date	28/May/202	21 17/May/20	) 24/Nov/18	Unit	<b>Bio Ref Interval</b>
	10:53AM	09:50AM	10:45AM		
<b>Urea</b> Urease, UV	19.0	22.0	20.0	mg/dL	17.0 - 43.0
Creatinine Alkaline picrate kinetic	0.56	0.64	0.46	mg/dL	0.6 - 1.1
eGFR MDRD	113.90	98.04	144.38	ml/min/1.7 m²	73
Uric Acid Uricase, Colorimetric	4.7	3.5	4	mg/dL	2.6 - 6.0
Calcium (Total) Arsenazo III	8.96	9.70	8.92	mg/dL	8.8 - 10.6
Sodium ISE indirect	139.5	134.2	138.8	mmol/L	136 - 146
Potassium ISE indirect	3.8	4.3	4.16	mmol/L	3.5 - 5.1
Chloride ISE indirect	105.7	100.6	104.6	mmol/L	101 - 109
Bicarbonate Enzymatic	19.8	23.1	26.4	mmol/L	21 - 31

#### Interpretation Ref. Range

eGFR - Estimated Glomerular Filteration Rate is calculated by MDRD equation which is most accurate for GFRs ≤ 60ml / min /1.73 m<sup>2</sup>.MDRD equation is used for adult population only.

<60ml / min / 1.73 m<sup>2</sup> - Chronic Kidney Disease

<15 ml / min /1.73 m<sup>2</sup> - Kidney failure



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SIN No:B2B798100, Test Performed at :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block Booking Centre: 903 - Max Lab, Sector 40, Gurugram, H.No C 2 GF Sector 40, Gurgaon, 9971264353

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Patient Name : Mrs. Indu Nagpal Centre : 903 - Max Lab, Sector 40, Gurugram

Age/Gender : 51 Y 6 M 2 D /F OP/IP No :/

Max ID/Mobile : ML00234145/9811333921 Collection Date/Time : 28/May/2021 10:53AM

 Lab ID
 : 0591052101036~2
 Receiving Date
 : 28/May/2021

 Ref Doctor
 : SELF
 Reporting Date
 : 28/May/2021

# Clinical Biochemistry

### **WellWise Exclusive Profile-Female**

#### Liver Function Test Profile, Serum

Date	28/May/2021 10:53AM	17/May/20 09:50AM	24/Nov/18 10:45AM	Unit	Bio Ref Interval
Total Protein Biuret	6.43	7.02	6.28	g/dL	6.6 - 8.3
Albumin Bromcresol Green (BCG)	4.0	4.2	3.8	g/dL	3.5 - 5.2
Globulin Calculated	2.4	2.8	2.5	g/dl	2.3 - 3.5
A.G. ratio Calculated	1.6	1.5	1.5		1.2 - 1.5
Bilirubin (Total)	0.51	0.46	0.51	mg/dL	0.3 - 1.2
Bilirubin (Direct) Diazotization	0.10	0.08	0.1	mg/dL	0.0 - 0.2
Bilirubin (Indirect) Calculated	0.41	0.38	0.41	mg/dL	0.1 - 1.0
SGOT- Aspartate Transaminase (AST) UV without P5P	18	15	15	U/L	< 35
SGPT- Alanine Transaminase (ALT) UV without P5P	21	26	20	U/L	< 35
Alkaline Phosphatase PNPP, AMP Buffer	66	93	77	U/L	30 - 120
GGTP (Gamma GT), Serum Enzymatic Rate	15.0	17.0	13.0	U/L	< 38

Kindly correlate with clinical findings

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



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Lab ID : 0591052101036~2 Receiving Date : 28/May/2021 Ref Doctor Reporting Date : 28/May/2021

**Clinical Biochemistry** 

**WellWise Exclusive Profile-Female** 

Dr. Akash Banwari, M.D.(Path) **Pathologist** 

Dr. Poonam. S. Das, M.D.

Principal Director-

Max Lab & Blood Bank Services

Dr. Dilip Kumar M.D. Associate Director &

Manager Quality

Dr. Nitin Dayal, M.D.

Principal Consultant & Head,

Haematopathology



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Patient Name Centre : Mrs. Indu Nagpal : 903 - Max Lab, Sector 40, Gurugram

Age/Gender :51 Y 6 M 2 D /F OP/IP No :/

Max ID/Mobile : ML00234145/9811333921 Collection Date/Time : 28/May/2021 10:53AM

Lab ID : 0591052101036~2 Receiving Date : 28/May/2021 Ref Doctor : SELF Reporting Date : 28/May/2021

Yellow

### **Clinical Pathology**

#### **WellWise Exclusive Profile-Female**

#### **Urine Routine And Microscopy**

Date 28/May/2021 24/Nov/18 Unit **Bio Ref Interval** 10:53AM 10:45AM

#### <u>Macroscopy</u>

Colour

Reflectance photometry

Octobri	1 011011	1011011	1 010 1011011
PH	5.0	5.0	5-6
Specific Gravity	1.026	1.023	1.015 - 1.025
Protein	Nil	Nil	Nil
Glucose.	+	Nil	Nil
Ketones	Nil	Nil	Nil
Blood	Nil	Nil	Nil
Bilirubin	Nil	Nil	Nil
Urobilinogen	Normal	Normal	Normal
Nitrite	Positive	Negative	

# <u>Microscopy</u>

Light Microscopy/Image capture microscopy

Yellow

Red Blood Cells (RBC)	Nil	Nil	/HPF	Nil
White Blood Cells	10 - 15	3 - 5	/HPF	0.0-5.0
Squamous Epithelial Cells	5 - 7	2 - 3	/HPF	
Cast	Nil	Nil	/LPF	Nil
Crystals	Nil	Nil		Nil
Bacteria	+	Nil	/HPF	Nil

Kindly correlate with clinical findings

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



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Pale Yellow

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Patient Name : Mrs. Indu Nagpal Centre : 903 - Max Lab, Sector 40, Gurugram

Age/Gender :51 Y 6 M 2 D /F OP/IP No :/

Max ID/Mobile : ML00234145/9811333921 Collection Date/Time : 28/May/2021 10:53AM

Lab ID : 0591052101036~2 Receiving Date : 28/May/2021 Ref Doctor : SELF Reporting Date : 28/May/2021

**Clinical Pathology** 

**WellWise Exclusive Profile-Female** 

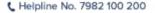
Dr. Akash Banwari, M.D.(Path) **Pathologist** 



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Patient Name : Mrs. Indu Nagpal Centre : 903 - Max Lab, Sector 40, Gurugram

Age/Gender : 51 Y 6 M 2 D /F OP/IP No :/

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 : 28/May/2021

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 : SELF
 Reporting Date
 : 28/May/2021

Hematology

**WellWise Exclusive Profile-Female** 

#### Complete Haemogram, Peripheral Smear and ESR,EDTA

Date	28/May/2021 10:53AM	17/May/20 09:50AM	24/Nov/18 10:45AM	Unit	Bio Ref Interval
Haemoglobin  Modified cyanmethemoglobin	10.6	11.4	9.9	g/dl	12.0 - 15.0
Packed Cell, Volume Calculated	34.4	36.1	31.3	%	40-50
Total Leucocyte Count (TLC) Electrical Impedance	8.3	9.7	7.7	10~9/L	4.0-10.0
RBC Count Electrical Impedance	4.73	4.88	4.11	10~12/L	3.8-4.8
MCV Electrical Impedance	72.8	74.1	76	fL	83-101
MCH Calculated	22.5	23.4	24.1	pg	27-32
MCHC Calculated	30.9	31.6	31.7	g/dl	31.5-34.5
Platelet Count Electrical Impedance	226	290	290	10~9/L	150-410
MPV Calculated	9.0	8.2	7.8	fl	7.8-11.2
RDW Calculated	20.6	14.8	16.7	%	11.5-14.5
Differential Cell Count VCS / Light Microscopy					
Neutrophils	65.4	65.0	61.5	%	40-80
Lymphocytes	24.4	26.8	28.1	%	20-40
Monocytes	8.1	5.9	8.2	%	2-10
Eosinophils	1.4	1.1	1.5	%	1-6
Basophils	0.7	1.2	0.7	%	0-2
Absolute Leukocyte Cou Calculated from TLC & DLC	<u>ınt</u>				
Absolute Neutrophil Count	5.43	6.31	4.74	10~9/L	2.0-7.0
Absolute Lymphocyte	2.0	2.6	2.2	10~9/L	1.0-3.0
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Conditions of Reporting: 1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient name as identified in the bill/test request form. 2. The test results relate specifically to the sample received in the lab and are presumed to have been generated and transported per specific instructions given by the physicians/laboratory. 3. The reported results are for the information and interpretation by the referring doctor only. 4. Some tests are referred to other laboratories to provide a wider test menu to the customer. 5. Max Healthcare shall in no event be liable for accidental damages loss, or destruction of specimen which is not attributable to any direct and male fide act or omission of Max Healthcare or its employees. Liability of Max Healthcare for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.





Patient Name : Mrs. Indu Nagpal Centre : 903 - Max Lab, Sector 40, Gurugram

Age/Gender :51 Y 6 M 2 D /F OP/IP No :/

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Lab ID : 0591052101036~2 Receiving Date : 28/May/2021 Ref Doctor : SELF Reporting Date : 28/May/2021

### Hematology

### **WellWise Exclusive Profile-Female**

### Count

Absolute Monocyte Count	0.67	0.57	0.63	10~9/L	0.2-1.0
Absolute Eosinophil Count	0.12	0.11	0.12	10~9/L	0.02-0.5
Absolute Basophil Count	0.06	0.12	0.05	10~9/L	0.02-0.1
ESR (Westergren)	32	10	16	mm/hr	<=19

### **Peripheral Smear**

#### **Examination**

RBC: - Anisocytosis(+++) Microcytosis(+) Hypochromia(+)

WBC: - Counts within normal limits

Platelet: - Adequate

IMP-Microcytic Hypochromic Anaemia

Iron Tibc Advice-

Kindly correlate with clinical findings

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

Dr. Akash Banwari, M.D.(Path) **Pathologist** 

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Patient Name Centre : Mrs. Indu Nagpal : 903 - Max Lab, Sector 40, Gurugram

:51 Y 6 M 2 D /F Age/Gender OP/IP No :/

Max ID/Mobile : ML00234145/9811333921 Collection Date/Time : 28/May/2021 11:05AM

Lab ID : 0591052101036~2 Receiving Date : 28/May/2021 Ref Doctor : SELF Reporting Date : 28/May/2021

Immunoassay						
Test Name	Result	Unit	Bio Ref Interval			
Cortisol (Morning Sample),Serum						
Cortisol , Serum (Morning)	8.42	μg/dL	6.7-22.6			

Interpretation Highly increased in Ectopic ACTH syndrome, Increased in Cushing's (pituitary) disease, adrenal adenoma,

Decreased in Addison's disease, congenital adrenal hyperplasia (adrenogenital syndromes), hypopituitarism There is diurnal variation in secretion of cortisol; the level at 8:00 PM is normally half of the level at 8:00 AM. Loss of diurnal variation is often seen in Cushing's syndrome.



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Patient Name Centre : Mrs. Indu Nagpal : 903 - Max Lab, Sector 40, Gurugram

Age/Gender OP/IP No :51 Y 6 M 2 D /F :/

Max ID/Mobile : ML00234145/9811333921 Collection Date/Time : 28/May/2021 11:05AM

Lab ID : 0591052101036~2 Receiving Date : 28/May/2021 Ref Doctor Reporting Date : 28/May/2021

**Immunoassay** 

Prolactin, Serum

**Date** 28/May/2021 Unit **Bio Ref Interval** 

11:05AM

37.26 Prolactin ng/mL

Ref Range

CLIA

Males: 2.64 - 13.13

Females:

Premenopausal

(<50 years of 3.34 - 26.74

age):

Postmenopausal

(>50 years of 2.74 - 19.64

age):

#### Interpretation

Increased in prolactin-secreting pituitary tumors, amenorrhea and/or galactorrhea, Chiari-Frommel and Argonz Del Cstillo syndromes, various types of hypothalamic-pitutary disease (e.g. sarcoidosis, granulomatous diseases, crangiopharyngioma, metastatic cancer, empty sella syndrome), primary hypothyroidism, anorexia nervosa, polycystic ovary syndrome, renal failure, insulin-induced hypoglycemia, chest wall injury, adrenal insufficiency, and pituitary stalk section surgery Decreased in pituitary apoplexy (Sheehan's Syndrome)

Kindly correlate with clinical findings

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

Dr. Akash Banwari, M.D.(Path) **Pathologist** 



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: 0591052101036~2 Receiving Date : 28/May/2021 Ref Doctor Reporting Date : 28/May/2021

**Immunoassay** 

Dr. Poonam. S. Das, M.D.

Lab ID

Principal Director-

Max Lab & Blood Bank Services

Dr. Dilip Kumar M.D.

Associate Director & Manager Quality

Dr. Nitin Dayal, M.D.

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Haematopathology



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