

## Tests you can trust

Name : <u>Jitender Kumar Gambhir(38Y/M)</u>

Date : <u>02 Jun 2024</u>

Test Asked: Mediwheel Package 16 Male



9 out of 10 Doctors trust that Thyrocare reports are accurate & reliable\*

















## Accredited by





ISO 9001: 2015 - From 2015



CAP From 2007

## **Thyrocare**

D-79, 3rd floor, sector-63, gautam budh nagar, Noida, UP-201301.





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## 9 out of 10 Doctors Trust that Thyrocare Reports are Accurate & Reliable

: JITENDER KUMAR GAMBHIR(38Y/M) NAME

**HOME COLLECTION:** 

: SELF **REF. BY** 

House no 2/79 teliwara shahdara near blind school

: MEDIWHEEL PACKAGE 16 MALE **TEST ASKED** 

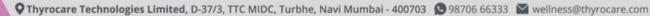
Summary F	Report
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Т	ests outside reference rang	ge			
TEST NAME	OBSERVED VALUE	UNITS	Bio. Ref. Interval.		
COMPLETE HEMOGRAM					
MEAN PLATELET VOLUME(MPV)	12.2	fL	6.5-12		
PLATELET DISTRIBUTION WIDTH(PDW)	16.3	fL	9.6-15.2		
PLATELET TO LARGE CELL RATIO(PLCR)	44.2	%	19.7-42.4		
LIPID					
HDL CHOLESTEROL - DIRECT	37	mg/dL	40-60		
TRIG / HDL RATIO	5.97	Ratio	< 3.12		
TRIGLYCERIDES	221	mg/dL	< 150		
VLDL CHOLESTEROL	44.17	mg/dL	5 - 40		
LIVER					
ALANINE TRANSAMINASE (SGPT)	49.4	U/L	< 45		
SERUM ALB/GLOBULIN RATIO	2.15	Ratio	0.9 - 2		
SERUM GLOBULIN	2.21	gm/dL	2.5-3.4		
RENAL					
URIC ACID	7.5	mg/dL	4.2 - 7.3		
VITAMIN					
25-OH VITAMIN D (TOTAL)	15.5	ng/mL	30-100		
VITAMIN B-12	778	pg/mL	197-771		

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**REF. BY** : SELF House no 2/79 teliwara shahdara near blind

school

**TEST ASKED** : MEDIWHEEL PACKAGE 16 MALE

TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interva
Complete Urinogram				
Physical Examination				
VOLUME	Visual Determination	3	mL	-
COLOUR	Visual Determination	PALE YELLOW	-	Pale Yellow
APPEARANCE	Visual Determination	CLEAR	-	Clear
SPECIFIC GRAVITY	pKa change	1.025	-	1.003-1.030
PH	pH indicator	5	-	5-8
<b>Chemical Examination</b>				
URINARY PROTEIN	PEI	ABSENT	mg/dL	Absent
URINARY GLUCOSE	GOD-POD	ABSENT	mg/dL	Absent
URINE KETONE	Nitroprusside	ABSENT	mg/dL	Absent
URINARY BILIRUBIN	Diazo coupling	ABSENT	mg/dL	Absent
UROBILINOGEN	Diazo coupling	Normal	mg/dL	<=0.2
URINE BLOOD	Peroxidase reaction	ABSENT	-	Absent
NITRITE	Diazo coupling	ABSENT	-	Absent
LEUCOCYTE ESTERASE	Esterase reaction	ABSENT	-	Absent
Microscopic Examination				
URINARY LEUCOCYTES (PUS CELLS)	Microscopy	ABSENT	cells/HPF	0-5

(Reference: \*PEI - Protein error of indicator, \*GOD-POD - Glucose oxidase-peroxidase)

Sample Collected on (SCT)

Sample Received on (SRT)

Report Released on (RRT)

**Sample Type** Labcode **Barcode** 



: 02 Jun 2024 07:38

: 02 Jun 2024 13:14

: 02 Jun 2024 14:19

: URINE

: 0206040974/DS853

: CF529640

Dr Manzalat Fatima MD(Path)

Dr Bhumika MD(Path)

Page: 1 of 15

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**REF. BY** : SELF

: MEDIWHEEL PACKAGE 16 MALE **TEST ASKED** 

**HOME COLLECTION:** 

House no 2/79 teliwara shahdara near blind

school

TEST NAME	TECHNOLOGY	VALUE	UNITS
25-OH VITAMIN D (TOTAL)	E.C.L.I.A	15.5	ng/mL
Bio. Ref. Interval. :-			<b>5</b> ,

Deficiency: <=20 ng/ml || Insufficiency: 21-29 ng/ml Sufficiency: >= 30 ng/ml || Toxicity: >100 ng/ml

## Clinical Significance:

Vitamin D is a fat soluble vitamin that has been known to help the body absorb and retain calcium and phosphorous; both are critical for building bone health.

Decrease in vitamin D total levels indicate inadequate exposure of sunlight, dietary deficiency, nephrotic syndrome. Increase in vitamin D total levels indicate Vitamin D intoxication.

Specifications: Precision: Intra assay (%CV):9.20%, Inter assay (%CV):8.50%

Kit Validation Reference: Holick M. Vtamin D the underappreciated D-Lightful hormone that is important for Skeletal

and cellular health Curr Opin Endocrinol Diabetes 2002:9(1)87-98.

## Please correlate with clinical conditions.

Fully Automated Electrochemiluminescence Compititive Immunoassay

Sample Collected on (SCT) : 02 Jun 2024 07:38

: 02 Jun 2024 13:30 Sample Received on (SRT)

Report Released on (RRT) : 02 Jun 2024 17:07

. SERUM Sample Type

Dr Manzalat Fatima MD(Path) Dr Bhumika MD(Path) . 0206041114/DS853 Labcode

Barcode : CJ052248 Page: 2 of 15

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**HOME COLLECTION:** 

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**TEST ASKED** : MEDIWHEEL PACKAGE 16 MALE

TEST NAME	TECHNOLOGY	VALUE	UNITS
RHEUMATOID FACTOR (RF)	IMMUNOTURBIDIMETRY	< 10	IU/mL
Bio. Ref. Interval. :  ADULT : <= 18			

## Clinical Significance:

Rheumatoid factor is an anti IgG autoimmune antibody. There are high concentration of rheumatoid factor in the serum of some disease, especially rheumatoid arthritis patients. It helps to diagnose rheumatism ,systematic lupus erythematosus, chronic hepatitis

## Specifications:

Precision %CV:- Intra assay %CV- 1.38%, Inter assay %CV-2.88%, Sensitivity:- 40 IU/mL.

### Kit Validation Reference:

Anderson, S.G., Bentzon, M.W., Houba, V. and Krag, P. Bull. Wld. Hlth. Org. 42: 311-318 (1970).

Method: LATEX ENHANCED IMMUNOTURBIDIMETRY

Please correlate with clinical conditions.

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Sample Received on (SRT) : 02 Jun 2024 13:30 Report Released on (RRT) : 02 Jun 2024 17:07

**Sample Type** :SERUM

**Barcode** 

Labcode :0206041114/DS853

: CJ052248

Houzalat Dr Manzalat Fatima MD(Path)

Dr Bhumika MD(Path)

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**REF. BY** : SELF

: MEDIWHEEL PACKAGE 16 MALE **TEST ASKED** 

**HOME COLLECTION:** 

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TEST NAME	TECHNOLOGY	VALUE	UNITS
HIGH SENSITIVITY C-REACTIVE PROTEIN (HS-CRP)	IMMUNOTURBIDIMETRY	1.07	mg/L

Bio. Ref. Interval. :-

- Low Risk < 1.00 1.00 - 3.00 - Average Risk >3.00 - 10.00 - High Risk

> 10.00 - Possibly due to Non-Cardiac Inflammation

Disclaimer: Persistent unexplained elevation of HSCRP >10 should be evaluated for non-cardiovascular etiologies such as infection, active arthritis or concurrent illness.

## Clinical significance:

High sensitivity C- reactive Protein (HSCRP) can be used as an independent risk marker for the identification of Individuals at risk for future cardiovascular Disease. A coronary artery disease risk assessment should be based on the average of two hs-CRP tests, ideally taken two weeks apart.

## Kit Validation Reference:

- 1. Clinical management of laboratory date in medical practice 2003-3004, 207(2003).
- 2.Tietz: Textbook of Clinical Chemistry and Molecular diagnostics: Second edition: Chapter 47:Page no.1507-1508.

## Please correlate with clinical conditions.

Method:-FULLY AUTOMATED LATEX AGGLUTINATION - BECKMAN COULTER

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Dr Manzalat Fatima MD(Path) Dr Bhumika MD(Path) : 0206041114/DS853 Labcode

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: MEDIWHEEL PACKAGE 16 MALE **TEST ASKED** 

**HOME COLLECTION:** 

House no 2/79 teliwara shahdara near blind

school

TEST NAME	TECHNOLOGY	VALUE	UNITS	
VITAMIN B-12	E.C.L.I.A	778	pg/mL	
Bio. Ref. Interval. :-		_		

Normal: 197-771 pg/ml

## Clinical significance:

Vitamin B12 or cyanocobalamin, is a complex corrinoid compound found exclusively from animal dietary sources, such as meat, eggs and milk. It is critical in normal DNA synthesis, which in turn affects erythrocyte maturation and in the formation of myelin sheath. Vitamin-B12 is used to find out neurological abnormalities and impaired DNA synthesis associated with macrocytic anemias. For diagnostic purpose, results should always be assessed in conjunction with the patients medical history, clinical examination and other findings.

Specifications: Intra assay (%CV):2.6%, Inter assay (%CV):2.3 %

Kit Validation Reference: Thomas L.Clinical laborator Diagnostics: Use and Assessment of Clinical laboratory Results 1st Edition, TH Books-Verl-Ges, 1998: 424-431

## Please correlate with clinical conditions.

Fully Automated Electrochemiluminescence Compititive Immunoassay

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. SERUM

Sample Type

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Barcode : CJ052248 Page: 5 of 15

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**HOME COLLECTION:** 

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school

TEST NAME	TECHNOLOGY	VALUE	UNITS
PROSTATE SPECIFIC ANTIGEN (PSA)	C.L.I.A	0.31	ng/mL

Bio. Ref. Interval. :-

Normal: < 4.00 ng/ml

Border line: 4.01 to 10.00 ng/ml

Clinical Significance:

Elevated levels of PSA are associated with prostate cancer, but may also be seen with prostatitis (Inflammation of the prostate) and benign prostatic hyperplasia (BPH). PSA test done along with free PSA provides additional information. Studies have suggested that the percentage of free PSA in total PSA is lower in patients with prostate cancer than those with benign prostate hyperplasia.

Specification:

Precision: Intra assay (%CV): 4.38%, Inter assay (%CV): 4.67%; Sensitivity: 0.01 ng/ml

Kit validation references:

Wang MC, Valenzuala LA, Murphy GP, and Chu TM. Purification of a human prostate-specific antigen. Invest. Urol. 1979; 17: 159

Please correlate with clinical conditions.

Method:-TWO SITE SANDWICH IMMUNOASSAY

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Sample Type

. SERUM

Labcode

. 0206041114/DS853

Dr Manzalat Fatima MD(Path)

Dr Bhumika MD(Path)

Barcode

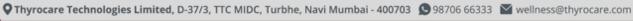
: CJ052248

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House no 2/79 teliwara shahdara near blind school

**TEST ASKED** : MEDIWHEEL PACKAGE 16 MALE

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TOTAL CHOLESTEROL	PHOTOMETRY	120	mg/dL	< 200
HDL CHOLESTEROL - DIRECT	PHOTOMETRY	37	mg/dL	40-60
LDL CHOLESTEROL - DIRECT	PHOTOMETRY	67	mg/dL	< 100
TRIGLYCERIDES	PHOTOMETRY	221	mg/dL	< 150
TC/ HDL CHOLESTEROL RATIO	CALCULATED	3.2	Ratio	3 - 5
TRIG / HDL RATIO	CALCULATED	5.97	Ratio	< 3.12
LDL / HDL RATIO	CALCULATED	1.8	Ratio	1.5-3.5
HDL / LDL RATIO	CALCULATED	0.55	Ratio	> 0.40
NON-HDL CHOLESTEROL	CALCULATED	82.76	mg/dL	< 160
VLDL CHOLESTEROL	CALCULATED	44.17	mg/dL	5 - 40

### Please correlate with clinical conditions.

### Method:

CHOL - Cholesterol Oxidase, Esterase, Peroxidase

HCHO - Direct Enzymatic Colorimetric

LDL - Direct Measure

TRIG - Enzymatic, End Point

TC/H - Derived from serum Cholesterol and Hdl values

TRI/H - Derived from TRIG and HDL Values

LDL/ - Derived from serum HDL and LDL Values

HD/LD - Derived from HDL and LDL values.

NHDL - Derived from serum Cholesterol and HDL values

VLDL - Derived from serum Triglyceride values

## \*REFERENCE RANGES AS PER NCEP ATP III GUIDELINES:

TOTAL CHOLESTEROL	(mg/dl)	HDL	(mg/dl)	LDL	(mg/dl)	TRIGLYCERIDES	(mg/dl)
DESIRABLE	<200	LOW	<40	OPTIMAL	<100	NORMAL	<150
BORDERLINE HIGH	200-239	HIGH	>60	NEAR OPTIMAL	100-129	BORDERLINE HIGH	150-199
HIGH	>240			BORDERLINE HIGH	130-159	HIGH	200-499
				HIGH	160-189	VERY HIGH	>500
				VERY HIGH	>190		

Alert !!! 10-12 hours fasting is mandatory for lipid parameters. If not, values might fluctuate,

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Report Released on (RRT)

: 02 Jun 2024 17:07

Sample Type

: SERUM

: 0206041114/DS853

Sougalat Dr Manzalat Fatima MD(Path)

Dr Bhumika MD(Path)

Labcode **Barcode** 

. CJ052248

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: SELF

**TEST ASKED** : MEDIWHEEL PACKAGE 16 MALE **HOME COLLECTION:** 

House no 2/79 teliwara shahdara near blind school

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
ALKALINE PHOSPHATASE	PHOTOMETRY	65.49	U/L	45-129
BILIRUBIN - TOTAL	PHOTOMETRY	0.78	mg/dL	0.3-1.2
BILIRUBIN -DIRECT	PHOTOMETRY	0.16	mg/dL	< 0.3
BILIRUBIN (INDIRECT)	CALCULATED	0.62	mg/dL	0-0.9
GAMMA GLUTAMYL TRANSFERASE (GGT)	PHOTOMETRY	31.2	U/L	< 55
ASPARTATE AMINOTRANSFERASE (SGOT )	PHOTOMETRY	31.42	U/L	< 35
ALANINE TRANSAMINASE (SGPT)	PHOTOMETRY	49.4	U/L	< 45
SGOT / SGPT RATIO	CALCULATED	0.64	Ratio	< 2
PROTEIN - TOTAL	PHOTOMETRY	6.96	gm/dL	5.7-8.2
ALBUMIN - SERUM	PHOTOMETRY	4.75	gm/dL	3.2-4.8
SERUM GLOBULIN	CALCULATED	2.21	gm/dL	2.5-3.4
SERUM ALB/GLOBULIN RATIO	CALCULATED	2.15	Ratio	0.9 - 2

## Please correlate with clinical conditions.

## Method:

ALKP - Modified IFCC method

BILT - Vanadate Oxidation

BILD - Vanadate Oxidation

BILI - Derived from serum Total and Direct Bilirubin values

GGT - Modified IFCC method

SGOT - IFCC\* Without Pyridoxal Phosphate Activation

SGPT - IFCC\* Without Pyridoxal Phosphate Activation

OT/PT - Derived from SGOT and SGPT values.

PROT - Biuret Method

SALB - Albumin Bcg1method (Colorimetric Assay Endpoint)

SEGB - DERIVED FROM SERUM ALBUMIN AND PROTEIN VALUES

A/GR - Derived from serum Albumin and Protein values

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**Sample Type** 

: SERUM

Labcode

: 0206041114/DS853

Dr Manzalat Fatima MD(Path)

Sougalat

Dr Bhumika MD(Path)

**Barcode** : CJ052248

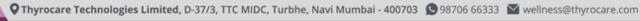
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**TEST ASKED** : MEDIWHEEL PACKAGE 16 MALE **HOME COLLECTION:** 

House no 2/79 teliwara shahdara near blind school

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
CALCIUM	PHOTOMETRY	10.44	mg/dL	8.8-10.6
URIC ACID	PHOTOMETRY	7.5	mg/dL	4.2 - 7.3
UREA (CALCULATED)	CALCULATED	19.09	mg/dL	Adult: 17-43
BLOOD UREA NITROGEN (BUN)	PHOTOMETRY	8.92	mg/dL	7.94 - 20.07
UREA / SR.CREATININE RATIO	CALCULATED	24.47	Ratio	< 52
CREATININE - SERUM	PHOTOMETRY	0.78	mg/dL	0.72-1.18
BUN / SR.CREATININE RATIO	CALCULATED	11.44	Ratio	9:1-23:1
PHOSPHOROUS	PHOTOMETRY	3.16	mg/dL	2.4 - 5.1
SODIUM	I.S.E	142	mmol/L	136 - 145
POTASSIUM	I.S.E	4.44	mmol/L	3.5 - 5.1
CHLORIDE	I.S.E	104.3	mmol/L	98 - 107

## Please correlate with clinical conditions.

## Method:

CALC - Arsenazo III Method, End Point.

URIC - Uricase / Peroxidase Method

UREAC - Derived from BUN Value.

BUN - Kinetic UV Assay.

UR/CR - Derived from UREA and Sr.Creatinine values.

SCRE - Creatinine Enzymatic Method

B/CR - Derived from serum Bun and Creatinine values

PHOS - UNREDUCED PHOSPHOMOLYBDATE METHOD

SOD - ION SELECTIVE ELECTRODE

POT - ION SELECTIVE ELECTRODE

CHL - ION SELECTIVE ELECTRODE

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**TEST ASKED** : MEDIWHEEL PACKAGE 16 MALE

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TSH - ULTRASENSITIVE	E.C.L.I.A	1.81	μIU/mL	0.54-5.30

### Comments:

The Biological Reference Ranges is specific to the age group. Kindly correlate clinically.

### Method:

USTSH - Fully Automated Electrochemiluminescence Sandwich Immunoassay

Disclaimer: Results should always be interpreted using the reference range provided by the laboratory that performed the test. Different laboratories do tests using different technologies, methods and using different reagents which may cause difference. In reference ranges and hence it is recommended to interpret result with assay specific reference ranges provided in the reports. To diagnose and monitor therapy doses, it is recommended to get tested every time at the same Laboratory.

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Report Released on (RRT) : 02 Jun 2024 17:07 **Sample Type** 

: SERUM Labcode

: 0206041114/DS853 Dr Manzalat Fatima MD(Path) Dr Bhumika MD(Path) **Barcode** : CJ052248 Page: 10 of 15

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TEST NAME	TECHNOLOGY	VALUE	UNITS
EST. GLOMERULAR FILTRATION RATE (eGFR)	CALCULATED	115	mL/min/1.73 m2

Bio. Ref. Interval. :-

> = 90 : Normal 60 - 89 : Mild Decrease

45 - 59 : Mild to Moderate Decrease 30 - 44 : Moderate to Severe Decrease

15 - 29 : Severe Decrease

## Clinical Significance

The normal serum creatinine reference interval does not necessarily reflect a normal GFR for a patient. Because mild and moderate kidney injury is poorly inferred from serum creatinine alone. Thus, it is recommended for clinical laboratories to routinely estimate glomerular filtration rate (eGFR), a "gold standard" measurement for assessment of renal function, and report the value when serum creatinine is measured for patients 18 and older, when appropriate and feasible. It cannot be measured easily in clinical practice, instead, GFR is estimated from equations using serum creatinine, age, race and sex. This provides easy to interpret information for the doctor and patient on the degree of renal impairment since it approximately equates to the percentage of kidney function remaining. Application of CKD-EPI equation together with the other diagnostic tools in renal medicine will further improve the detection and management of patients with CKD.

## Reference

Levey AS, Stevens LA, Schmid CH, Zhang YL, Castro AF, 3rd, Feldman HI, et al. A new equation to estimate glomerular filtration rate. Ann Intern Med. 2009;150(9):604-12.

Please correlate with clinical conditions. Method:-**CKD-EPI Creatinine Equation** 

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#### Thyrocare

D-79, 3rd floor, sector-63, gautam budh nagar, Noida, UP-201301.





Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400703 № 98706 66333 № wellness@thyrocare.com

## 9 out of 10 Doctors Trust that Thyrocare Reports are Accurate & Reliable

NAME : JITENDER KUMAR GAMBHIR(38Y/M) **HOME COLLECTION:** 

House no 2/79 teliwara shahdara near blind **REF. BY** : SELF

**TEST ASKED** : MEDIWHEEL PACKAGE 16 MALE

**VALUE TEST NAME TECHNOLOGY** UNITS

HbA1c - (HPLC)

H.P.L.C 5.3 %

Bio. Ref. Interval.:

Bio. Ref. Interval.: As per ADA Guidelines

Below 5.7% : Normal 5.7% - 6.4% : Prediabetic

>=6.5% : Diabetic **Guidance For Known Diabetics** 

Below 6.5%: Good Control 6.5% - 7% : Fair Control

7.0% - 8% : Unsatisfactory Control

>8% : Poor Control

Method: Fully Automated H.P.L.C method

**CALCULATED** 105 AVERAGE BLOOD GLUCOSE (ABG) mg/dL

Bio. Ref. Interval. :

90 - 120 mg/dl : Good Control 121 - 150 mg/dl : Fair Control

151 - 180 mg/dl: Unsatisfactory Control

: Poor Control > 180 mg/dl Method: Derived from HBA1c values

Please correlate with clinical conditions.

Sample Collected on (SCT) :02 Jun 2024 07:38

Sample Received on (SRT) : 02 Jun 2024 12:49 Report Released on (RRT) : 02 Jun 2024 15:22

**Sample Type** : EDTA Whole Blood Labcode :0206074644/DS853

**Barcode** : CG280388

Hargalat Dr Manzalat Fatima MD(Path)

Dr Bhumika MD(Path)

Page: 12 of 15

## PROCESSED AT: **Thyrocare**

D-79, 3rd floor, sector-63, gautam budh nagar, Noida, UP-201301.





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: JITENDER KUMAR GAMBHIR(38Y/M) NAME

: MEDIWHEEL PACKAGE 16 MALE

**HOME COLLECTION:** 

**REF. BY** : SELF

**TEST ASKED** 

House no 2/79 teliwara shahdara near blind

school

TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interva
TOTAL LEUCOCYTES COUNT (WBC)	HF & FC	6.46	X 10 <sup>3</sup> / μL	4.0 - 10.0
NEUTROPHILS	Flow Cytometry	63.2	%	40-80
LYMPHOCYTE	Flow Cytometry	27.1	%	20-40
MONOCYTES	Flow Cytometry	4.3	%	2-10
EOSINOPHILS	Flow Cytometry	4.3	%	1-6
BASOPHILS	Flow Cytometry	0.8	%	0-2
IMMATURE GRANULOCYTE PERCENTAGE(IG%)	Flow Cytometry	0.3	%	0-0.5
NEUTROPHILS - ABSOLUTE COUNT	Calculated	4.08	X 10 <sup>3</sup> / μL	2.0-7.0
LYMPHOCYTES - ABSOLUTE COUNT	Calculated	1.75	X 10 <sup>3</sup> / μL	1.0-3.0
MONOCYTES - ABSOLUTE COUNT	Calculated	0.28	X 10 <sup>3</sup> / μL	0.2 - 1.0
BASOPHILS - ABSOLUTE COUNT	Calculated	0.05	X 10 <sup>3</sup> / μL	0.02 - 0.1
EOSINOPHILS - ABSOLUTE COUNT	Calculated	0.28	X 10 <sup>3</sup> / μL	0.02 - 0.5
IMMATURE GRANULOCYTES(IG)	Calculated	0.02	X 10 <sup>3</sup> / μL	0-0.3
TOTAL RBC	HF & EI	5.18	X 10^6/μL	4.5-5.5
NUCLEATED RED BLOOD CELLS	Calculated	0.01	X 10 <sup>3</sup> / μL	0.0-0.5
NUCLEATED RED BLOOD CELLS %	Flow Cytometry	0.01	%	0.0-5.0
HEMOGLOBIN	SLS-Hemoglobin Method	14.6	g/dL	13.0-17.0
HEMATOCRIT(PCV)	CPH Detection	43.9	%	40.0-50.0
MEAN CORPUSCULAR VOLUME(MCV)	Calculated	84.7	fL	83.0-101.0
MEAN CORPUSCULAR HEMOGLOBIN(MCH)	Calculated	28.2	pq	27.0-32.0
MEAN CORP.HEMO.CONC(MCHC)	Calculated	33.3	g/dL	31.5-34.5
RED CELL DISTRIBUTION WIDTH - SD(RDW-SD)	Calculated	39	fL	39-46
RED CELL DISTRIBUTION WIDTH (RDW-CV)	Calculated	12.7	%	11.6-14
PLATELET DISTRIBUTION WIDTH(PDW)	Calculated	16.3	fL	9.6-15.2
MEAN PLATELET VOLUME(MPV)	Calculated	12.2	fL	6.5-12
PLATELET COUNT	HF & EI	226	X 10 <sup>3</sup> / μL	150-410
PLATELET TO LARGE CELL RATIO(PLCR)	Calculated	44.2	%	19.7-42.4
PLATELETCRIT(PCT)	Calculated	0.28	%	0.19-0.39

Remarks : Alert!!! Predominantly normocytic normochromic with ovalocytes. Platelets: Appear adequate in smear.

. EDTA Whole Blood

Please Correlate with clinical conditions.

Method: Fully automated bidirectional analyser (6 Part Differential SYSMEX XN-1000)

(Reference: \*FC- flowcytometry, \*HF- hydrodynamic focussing, \*EI- Electric Impedence, \*Hb- hemoglobin, \*CPH- Cumulative pulse height)

Sample Collected on (SCT) .02 Jun 2024 07:38

. 02 Jun 2024 12:49 Sample Received on (SRT)

. 02 Jun 2024 15:22 Report Released on (RRT)

**Sample Type** 

: 0206074644/DS853 Labcode

: CG280388 **Barcode** 

Dr Manzalat Fatima MD(Path)

Dr Bhumika MD(Path)

Page: 13 of 15

## **Thyrocare**

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# 9 out of 10 Doctors Trust that Thyrocare Reports are Accurate & Reliable

: JITENDER KUMAR GAMBHIR(38Y/M) NAME

REF. BY : SELF

: MEDIWHEEL PACKAGE 16 MALE **TEST ASKED** 

**HOME COLLECTION:** 

House no 2/79 teliwara shahdara near blind

school

TEST NAME	TECHNOLOGY	VALUE	UNITS
FASTING BLOOD SUGAR(GLUCOSE)	PHOTOMETRY	87.88	mg/dL

#### Bio. Ref. Interval. :-

As per ADA Guideline: Fasting Plasma Glucose (FPG)		
Normal 70 to 100 mg/dl		
Prediabetes	100 mg/dl to 125 mg/dl	
Diabetes	126 mg/dl or higher	

#### Note:

The assay could be affected mildly and may result in anomalous values if serum samples have heterophilic antibodies, hemolyzed, icteric or lipemic. The concentration of Glucose in a given specimen may vary due to differences in assay methods, calibration and reagent specificity. For diagnostic purposes results should always be assessed in conjunction with patients medical history, clinical findings and other findings.

Please correlate with clinical conditions.

Method:-**GOD-PAP METHOD** 

~~ End of report ~~

Sample Collected on (SCT)

Sample Received on (SRT)

Report Released on (RRT)

Sample Type

Labcode

Barcode

: 02 Jun 2024 07:38

: 02 Jun 2024 12:43

: 02 Jun 2024 13:27

• FLUORIDE

Dr Manzalat Fatima MD(Path) : 0206074292/DS853

Dr Bhumika MD(Path)

: CF623535

Page: 14 of 15

### CONDITIONS OF REPORTING

- v The reported results are for information and interpretation of the referring doctor only.
- v It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- v Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- v Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- v Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- v This report is not valid for medico-legal purpose.
- v Neither Thyrocare, nor its employees/representatives assume any liability, responsibility for any loss or damage that may be incurred by any person as a result of presuming the meaning or contents of the report.
- v Thyrocare Discovery video link :- https://youtu.be/nbdYeRqYyQc
- v For clinical support please contact @8450950852,8450950853,8450950854 between 10:00 to 18:00

## **EXPLANATIONS**

- v Majority of the specimen processed in the laboratory are collected by Pathologists and Hospitals we call them as "Clients".
- v Name The name is as declared by the client and recored by the personnel who collected the specimen.
- v Ref.Dr The name of the doctor who has recommended testing as declared by the client.
- v Labcode This is the accession number in our laboratory and it helps us in archiving and retrieving the data.
- v **Barcode** This is the specimen identity number and it states that the results are for the specimen bearing the barcode (irrespective of the name).
- v **SCP** Specimen Collection Point This is the location where the blood or specimen was collected as declared by the client.
- v SCT Specimen Collection Time The time when specimen was collected as declared by the client.
- v SRT Specimen Receiving Time This time when the specimen reached our laboratory.
- v RRT Report Releasing Time The time when our pathologist has released the values for Reporting.
- v Reference Range Means the range of values in which 95% of the normal population would fall.

## **SUGGESTIONS**

- Values out of reference range requires reconfirmation before starting any medical treatment.
- v Retesting is needed if you suspect any quality shortcomings.
- v Testing or retesting should be done in accredited laboratories.
- v For suggestions, complaints or feedback, write to us at info@thyrocare.com or call us on 022-3090 0000 / 6712 3400
- v SMS:<Labcode No.> to **9870666333**



Page: 15 of 15