



CHANDAN DIAGNOSTIC CENTRE

Add: 49/19-B, Kamla Nehru Road, Katra, Prayagraj Ph: 9235447965,0532-3559261 CIN: U85110UP2003PLC193493

Patient Name : Mrs.NEETU SINGH Registered On : 14/Sep/2024 10:22:08 Age/Gender Collected : 14/Sep/2024 11:14:52 : 31 Y 10 M 10 D /F UHID/MR NO : ALDP.0000149081 Received : 14/Sep/2024 11:20:03 Visit ID : ALDP0215612425 Reported : 14/Sep/2024 13:13:08

: Dr. MEDIWHEEL-ARCOFEMI HEALTH Ref Doctor Status : Final Report CARE LTD -

DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Group (ABO & Rh typing) , Blood				
Blood Group	В			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Rh (Anti-D)	POSITIVE			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Complete Blood Count (CBC) , Whole Blood				
Haemoglobin	12.00	g/dl	1 Day- 14.5-22.5 g/dl 1 Wk- 13.5-19.5 g/dl 1 Mo- 10.0-18.0 g/dl 3-6 Mo- 9.5-13.5 g/dl 0.5-2 Yr- 10.5-13.5 g/dl 2-6 Yr- 11.5-15.5 g/dl 6-12 Yr- 11.5-15.5 g/dl 12-18 Yr 13.0-16.0 g/dl Male- 13.5-17.5 g/dl Female- 12.0-15.5 g/dl	COLORIMETRIC METHOD (CYANIDE-FREE REAGENT)
TLC (WBC) <u>DLC</u>	6,000.00	/Cu mm	4000-10000	IMPEDANCE METHOD
Polymorphs (Neutrophils)	58.00	%	40-80	FLOW CYTOMETRY
Lymphocytes	36.00	%	20-40	FLOW CYTOMETRY
Monocytes	2.00	%	2-10	FLOW CYTOMETRY
Eosinophils	4.00	%	1-6	FLOW CYTOMETRY
Basophils ESR	0.00	%	< 1-2	FLOW CYTOMETRY
Observed	16.00	MM/1H	10-19 Yr 8.0 20-29 Yr 10.8 30-39 Yr 10.4 40-49 Yr 13.6 50-59 Yr 14.2 60-69 Yr 16.0 70-79 Yr 16.5 80-91 Yr 15.8	



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Absolute Eosinophils Count (AEC)



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Test Name	Result	Unit	Bio. Ref. Interval	Method
			Pregnancy	
			Early gestation - 48 (62	
			if anaemic)	
			Leter gestation - 70 (95	
			if anaemic)	
Corrected	-	Mm for 1st hr.	< 20	
PCV (HCT)	36.00	%	40-54	
Platelet count				
Platelet Count	1.58	LACS/cu mm	1.5-4.0	ELECTRONIC
				IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.50	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	-	%	35-60	ELECTRONIC IMPEDANCE
PCT (Platelet Hematocrit)	0.21	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	14.50	fL	6.5-12.0	ELECTRONIC IMPEDANCE
RBC Count				
RBC Count	4.24	Mill./cu mm	3.7-5.0	ELECTRONIC IMPEDANCE
Blood Indices (MCV, MCH, MCHC)				
MCV	85.30	fl	80-100	CALCULATED PARAMETER
MCH	28.40	pg	27-32	CALCULATED PARAMETER
MCHC	33.30	%	30-38	CALCULATED PARAMETER
RDW-CV	13.00	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	43.50	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	3,480.00	/cu mm	3000-7000	

/cu mm

40-440

Dr. Akanksha Singh (MD Pathology)



240.00









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: Dr. MEDIWHEEL-ARCOFEMI HEALTH Ref Doctor Status : Final Report

CARE LTD -

DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method

GLUCOSE FASTING, Plasma

GOD POD Glucose Fasting 91.30 mg/dl < 100 Normal

> 100-125 Pre-diabetes ≥ 126 Diabetes

Interpretation:

- a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- b) A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.
- c) I.G.T = Impaired Glucose Tolerance.

CLINICAL SIGNIFICANCE: Glucose is the major source of energy in the body. Lack of insulin or resistance to it section at the cellular level causes diabetes. Therefore, the blood glucose levels are very high. Elevated serum glucose levels are observed in diabetes mellitus and may be associated with pancreatitis, pituitary or thyroid dysfunction and liver disease. Hypoglycaemia occurs most frequently due to over dosage of insulin.

126.30 **GOD POD** Glucose PP mg/dl <140 Normal

Sample:Plasma After Meal 140-199 Pre-diabetes >200 Diabetes

Interpretation:

- a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- b) A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.
- c) I.G.T = Impaired Glucose Tolerance.

GLYCOSYLATED HAEMOGLOBIN (HBA1C), EDTA BLOOD

Glycosylated Haemoglobin (HbA1c)	5.00	% NGSP	HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	31.40	mmol/mol/IFCC	
Estimated Average Glucose (eAG)	98	mg/dl	

Interpretation:

NOTE:-

• eAG is directly related to A1c.







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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name Result Unit Bio. Ref. Interval Method

- An A1c of 7% -the goal for most people with diabetes-is the equivalent of an eAG of 154 mg/dl.
- eAG may help facilitate a better understanding of actual daily control helping you and your health care provider to make necessary changes to your diet and physical activity to improve overall diabetes mnagement.

The following ranges may be used for interpretation of results. However, factors such as duration of diabetes, adherence to therapy and the age of the patient should also be considered in assessing the degree of blood glucose control.

Haemoglobin A1C (%)NGSP	mmol/mol / IFCC Unit	eAG (mg/dl)	Degree of Glucose Control Unit
> 8	>63.9	>183	Action Suggested*
7-8	53.0 -63.9	154-183	Fair Control
< 7	<63.9	<154	Goal**
6-7	42.1 -63.9	126-154	Near-normal glycemia
< 6%	<42.1	<126	Non-diabetic level

^{*}High risk of developing long term complications such as Retinopathy, Nephropathy, Neuropathy, Cardiopathy, etc.

N.B.: Test carried out on Automated VARIANT II TURBO HPLC Analyser.

Clinical Implications:

- *Values are frequently increased in persons with poorly controlled or newly diagnosed diabetes.
- *With optimal control, the HbA 1c moves toward normal levels.
- *A diabetic patient who recently comes under good control may still show higher concentrations of glycosylated hemoglobin. This level declines gradually over several months as nearly normal glycosylated *Increases in glycosylated hemoglobin occur in the following non-diabetic conditions: a. Iron-deficiency anemia b. Splenectomy
- c. Alcohol toxicity d. Lead toxicity
- *Decreases in A 1c occur in the following non-diabetic conditions: a. Hemolytic anemia b. chronic blood loss
- *Pregnancy d. chronic renal failure. Interfering Factors:
- *Presence of Hb F and H causes falsely elevated values. 2. Presence of Hb S, C, E, D, G, and Lepore (autosomal recessive mutation resulting in a hemoglobinopathy) causes falsely decreased values.

BUN (Blood Urea Nitrogen)

9.67

mg/dL

7.0-23.0

CALCULATED

Sample:Serum







^{**}Some danger of hypoglycemic reaction in Type 1diabetics. Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1C levels in this area.





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MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name Result Unit Bio. Ref. Interval Method

Interpretation:

Note: Elevated BUN levels can be seen in the following:

High-protein diet, Dehydration, Aging, Certain medications, Burns, Gastrointestimal (GI) bleeding.

Low BUN levels can be seen in the following:

Low-protein diet, overhydration, Liver disease.

Creatinine 0.78 mg/dl 0.5-1.20 MODIFIED JAFFES

Sample:Serum

Interpretation:

The significance of single creatinine value must be interpreted in light of the patients muscle mass. A patient with a greater muscle mass will have a higher creatinine concentration. The trend of serum creatinine concentrations over time is more important than absolute creatinine concentration. Serum creatinine concentrations may increase when an ACE inhibitor (ACE) is taken. The assay could be affected mildly and may result in anomalous values if serum samples have heterophilic antibodies, hemolyzed, icteric or lipemic.

Uric Acid 5.49 mg/dl 2.5-6.0 URICASE

Sample:Serum

Interpretation:

Note:-

Elevated uric acid levels can be seen in the following:

Drugs, Diet (high-protein diet, alcohol), Chronic kidney disease, Hypertension, Obesity.

LFT (WITH GAMMA GT), Serum

28.40	U/L	< 35	IFCC WITHOUT P5P
29.10	U/L	< 40	IFCC WITHOUT P5P
17.40	IU/L	11-50	OPTIMIZED SZAZING
7.24	gm/dl	6.2-8.0	BIURET
4.40	gm/dl	3.4-5.4	B.C.G.
2.84	gm/dl	1.8-3.6	CALCULATED
1.55		1.1-2.0	CALCULATED
	29.10 17.40 7.24 4.40 2.84	29.10 U/L 17.40 IU/L 7.24 gm/dl 4.40 gm/dl 2.84 gm/dl	29.10 U/L < 40 17.40 IU/L 11-50 7.24 gm/dl 6.2-8.0 4.40 gm/dl 3.4-5.4 2.84 gm/dl 1.8-3.6







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MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name	Result	Ur	nit Bio. Ref. Inter	val Method
Alkaline Phosphatase (Total)	54.00	U/L	42.0-165.0	PNP/AMP KINETIC
Bilirubin (Total)	0.45	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.14	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.31	mg/dl	< 0.8	JENDRASSIK & GROF
LIPID PROFILE (MINI), Serum				
Cholesterol (Total)	172.00	mg/dl	<200 Desirable 200-239 Borderline Hiç > 240 High	CHOD-PAP gh
HDL Cholesterol (Good Cholesterol)	61.30	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	78	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optim 130-159 Borderline Hig 160-189 High > 190 Very High	
VLDL	32.52	mg/dl	10-33	CALCULATED
Triglycerides	162.60	mg/dl	< 150 Normal 150-199 Borderline Hiç 200-499 High >500 Very High	GPO-PAP gh

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Dr. Akanksha Singh (MD Pathology)











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Patient Name : Mrs.NEETU SINGH Registered On : 14/Sep/2024 10:22:08 Age/Gender Collected : 31 Y 10 M 10 D /F : 14/Sep/2024 14:12:57 UHID/MR NO : ALDP.0000149081 Received : 14/Sep/2024 14:24:39 Visit ID Reported : 14/Sep/2024 16:31:18 : ALDP0215612425

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DEPARTMENT OF CLINICAL PATHOLOGY MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
URINE EXAMINATION, ROUTINE ,	Urine			
Color	PALE YELLOW			
Specific Gravity	1.025			
Reaction PH	Acidic (5.0)			DIPSTICK
Appearance	CLEAR			
Protein	ABSENT	mg %	< 10 Absent 10-40 (+) 40-200 (++) 200-500 (+++) > 500 (++++)	DIPSTICK
Sugar	ABSENT	gms%	< 0.5 (+) 0.5-1.0 (++) 1-2 (+++) > 2 (++++)	DIPSTICK
Ketone	ABSENT	mg/dl	Serum-0.1-3.0 Urine-0.0-14.0	BIOCHEMISTRY
Bile Salts	ABSENT			
Bile Pigments	ABSENT			
Bilirubin	ABSENT			DIPSTICK
Leucocyte Esterase	ABSENT			DIPSTICK
Urobilinogen(1:20 dilution)	ABSENT			
Nitrite	ABSENT			DIPSTICK
Blood	ABSENT			DIPSTICK
Microscopic Examination:				
Epithelial cells	1-3/h.p.f			MICROSCOPIC EXAMINATION
Pus cells	0-2/h.p.f			
RBCs	ABSENT			MICROSCOPIC EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC

Urine Microscopy is done on centrifuged urine sediment.

Others



ABSENT





EXAMINATION





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DEPARTMENT OF CLINICAL PATHOLOGY MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name Result Unit Bio. Ref. Interval Method

SUGAR, FASTING STAGE, Urine

Sugar, Fasting stage ABSENT gms%

Interpretation:

(+) < 0.5

(++) 0.5-1.0

(+++) 1-2

(++++) > 2

SUGAR, PP STAGE, Urine

Sugar, PP Stage ABSENT

Interpretation:

(+) < 0.5 gms%

(++) 0.5-1.0 gms%

(+++) 1-2 gms%

(++++) > 2 gms%

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Dr. Akanksha Singh (MD Pathology)











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DEPARTMENT OF IMMUNOLOGY

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
THYROID PROFILE - TOTAL , Serum				
T3, Total (tri-iodothyronine)	138.00	ng/dl	84.61–201.7	CLIA
T4, Total (Thyroxine)	8.64	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	2.770	μIU/mL	0.27 - 5.5	CLIA
Interpretation:				
		0.3-4.5 μ IU/mI	First Trimester	
		0.5-4.6 μ IU/mI	Second Trimest	ter
		0.8-5.2 µIU/mI	Third Trimester	
		0.5-8.9 μIU/mI	Adults 5	5-87 Years
		0.7-27 μIU/mI	Premature	28-36 Week
		2.3-13.2 μIU/mI	Cord Blood	> 37Week
		0.7-64 μIU/mI	Child(21 wk - 2	0 Yrs.)
		1-39 μIU/n	nL Child 0	-4 Days
		1.7-9.1 μIU/mI	Child 2	-20 Week

- 1) Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.
- 2) Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.
- 3) Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.
- **4)** Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.
- 5) Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.
- **6)** In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.
- 7) There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.
- **8)** Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.

Dr. Akanksha Singh (MD Pathology)













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Patient Name : Mrs.NEETU SINGH Registered On : 14/Sep/2024 10:22:09 Age/Gender : 2024-09-14 11:43:37 : 31 Y 10 M 10 D /F Collected UHID/MR NO : ALDP.0000149081 Received : 2024-09-14 11:43:37 Visit ID : ALDP0215612425 Reported : 14/Sep/2024 14:56:00

Ref Doctor : Dr. MEDIWHEEL-ARCOFEMI HEALTH Status : Final Report

DEPARTMENT OF X-RAY

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

X-RAY DIGITAL CHEST PA

X-RAY REPORT (300 mA COMPUTERISED UNIT SPOT FILM DEVICE) CHEST P-A VIEW

- Both lung field did not reveal any significant lesion.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Hilar shadows are normal.
- Soft tissue shadow appears normal.
- Bony cage is normal.

Please correlare clinically.

*** End Of Report ***

Result/s to Follow:

 $STOOL, ROUTINE\ EXAMINATION, ECG\ /\ EKG,\ ULTRASOUND\ WHOLE\ ABDOMEN\ (UPPER\ \&\ LOWER),\ Tread\ Mill\ Test\ (TMT),\ PAP\ SMEAR\ FOR\ CYTOLOGICAL\ EXAMINATION$



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DR K N SINGH (MBBS,DMRE)

This report is not for medico legal purpose. If clinical correlation is not established, kindly repeat the test at no additional cost within seven days

Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Test And Health Check-ups, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Condition Velocity (NCV), Audiometry, Brainstem Evoked Response Audiometry (BERA), Colonoscopy, Ambulance Services, Online Booking Facilities for Diagnostics, Online Report Viewing *

*Facilities Available at Select Location









