



Patient Name : Mr.R SUBBARAJU	Collected : 25/Jul/2023 09:04AM
Age/Gender : 59 Y 11 M 24 D/M	Received : 25/Jul/2023 12:09PM
UHID/MR No : CINR.0000154629	Reported : 25/Jul/2023 02:34PM
Visit ID : CINROPV200177	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 9867085411	

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
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HEMOGRAM , WHOLE BLOOD EDTA

HAEMOGLOBIN	15.1	g/dL	13-17	Spectrophotometer
PCV	46.60	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.08	Million/cu.mm	4.5-5.5	Electrical Impedence
MCV	91.7	fL	83-101	Calculated
MCH	29.7	pg	27-32	Calculated
MCHC	32.4	g/dL	31.5-34.5	Calculated
R.D.W	14.1	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	7,310	cells/cu.mm	4000-10000	Electrical Impedence

DIFFERENTIAL LEUCOCYTIC COUNT (DLC)

NEUTROPHILS	50.7	%	40-80	Electrical Impedence
LYMPHOCYTES	37.1	%	20-40	Electrical Impedence
EOSINOPHILS	3.3	%	1-6	Electrical Impedence
MONOCYTES	8.4	%	2-10	Electrical Impedence
BASOPHILS	0.5	%	<1-2	Electrical Impedence

ABSOLUTE LEUCOCYTE COUNT

NEUTROPHILS	3706.17	Cells/cu.mm	2000-7000	Electrical Impedence
LYMPHOCYTES	2712.01	Cells/cu.mm	1000-3000	Electrical Impedence
EOSINOPHILS	241.23	Cells/cu.mm	20-500	Electrical Impedence
MONOCYTES	614.04	Cells/cu.mm	200-1000	Electrical Impedence
BASOPHILS	36.55	Cells/cu.mm	0-100	Electrical Impedence

PLATELET COUNT

PLATELET COUNT	269000	cells/cu.mm	150000-410000	Electrical impedence
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ERYTHROCYTE SEDIMENTATION RATE (ESR)

ERYTHROCYTE SEDIMENTATION RATE (ESR)	12	mm at the end of 1 hour	0-15	Modified Westgren method
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PERIPHERAL SMEAR

RBCs ARE NORMOCYTIC NORMOCHROMIC.

TLC , DLC WITHIN NORMAL LIMIT. NO IMMATURE CELLS ARE SEEN.

PLATELETS ARE ADEQUATE.

NO HEMOPARASITES SEEN



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Age/Gender : 59 Y 11 M 24 D/M	Received : 25/Jul/2023 11:41AM
UHID/MR No : CINR.0000154629	Reported : 25/Jul/2023 12:38PM
Visit ID : CINROPV200177	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C, GLYCATED HEMOGLOBIN , WHOLE BLOOD EDTA	5.3	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG) , WHOLE BLOOD EDTA	105	mg/dL		Calculated

Comment:

Reference Range as per American Diabetes Association (ADA):

REFERENCE GROUP	HBA1C IN %
NON DIABETIC ADULTS >18 YEARS	<5.7
AT RISK (PREDIABETES)	5.7 – 6.4
DIAGNOSING DIABETES	≥ 6.5
DIABETICS	
· EXCELLENT CONTROL	6 – 7
· FAIR TO GOOD CONTROL	7 – 8
· UNSATISFACTORY CONTROL	8 – 10
· POOR CONTROL	>10

Note: Dietary preparation or fasting is not required.

1. A1C test should be performed at least two times a year in patients who are meeting treatment goals (and who have stable glycemic control).
2. Lowering A1C to below or around 7% has been shown to reduce microvascular and neuropathic complications of type 1 and type 2 diabetes. When mean annual HbA1c is <1.1 times ULN (upper limit of normal), renal and retinal complications are rare, but complications occur in >70% of cases when HbA1c is >1.7 times ULN.
3. Falsely low HbA1c (below 4%) may be observed in patients with clinical conditions that shorten erythrocyte life span or decrease mean erythrocyte age. HbA1c may not accurately reflect glycemic control when clinical conditions that affect erythrocyte survival are present. Fructosamine may be used as an alternate measurement of glycemic control



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Age/Gender : 59 Y 11 M 24 D/M	Received : 25/Jul/2023 11:47AM
UHID/MR No : CINR.0000154629	Reported : 25/Jul/2023 12:44PM
Visit ID : CINROPV200177	Status : Final Report
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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
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LIPID PROFILE , SERUM

TOTAL CHOLESTEROL	256	mg/dL	<200	CHO-POD
TRIGLYCERIDES	162	mg/dL	<150	GPO-POD
HDL CHOLESTEROL	47	mg/dL	40-60	Enzymatic Immunoinhibition
NON-HDL CHOLESTEROL	210	mg/dL	<130	Calculated
LDL CHOLESTEROL	177.1	mg/dL	<100	Calculated
VLDL CHOLESTEROL	32.4	mg/dL	<30	Calculated
CHOL / HDL RATIO	5.46		0-4.97	Calculated

Comment:

Reference Interval as per National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.

	Desirable	Borderline High	High	Very High
TOTAL CHOLESTEROL	< 200	200 - 239	≥ 240	
TRIGLYCERIDES	<150	150 - 199	200 - 499	≥ 500
LDL	Optimal < 100 Near Optimal 100-129	130 - 159	160 - 189	≥ 190
HDL	≥ 60			
NON-HDL CHOLESTEROL	Optimal <130; Above Optimal 130-159	160-189	190-219	>220

Measurements in the same patient can show physiological and analytical variations.

NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.



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LIVER FUNCTION TEST (LFT) , SERUM				
BILIRUBIN, TOTAL	2.14	mg/dL	0.3-1.2	DPD
BILIRUBIN CONJUGATED (DIRECT)	0.30	mg/dL	<0.2	DPD
BILIRUBIN (INDIRECT)	1.84	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	12	U/L	<50	IFCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	20.0	U/L	<50	IFCC
ALKALINE PHOSPHATASE	78.00	U/L	30-120	IFCC
PROTEIN, TOTAL	6.89	g/dL	6.6-8.3	Biuret
ALBUMIN	4.44	g/dL	3.5-5.2	BROMO CRESOL GREEN
GLOBULIN	2.45	g/dL	2.0-3.5	Calculated
A/G RATIO	1.81		0.9-2.0	Calculated



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RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , SERUM

CREATININE	0.76	mg/dL	0.72 – 1.18	JAFFE METHOD
UREA	20.00	mg/dL	17-43	GLDH, Kinetic Assay
BLOOD UREA NITROGEN	9.4	mg/dL	8.0 - 23.0	Calculated
URIC ACID	4.64	mg/dL	3.5–7.2	Uricase PAP
CALCIUM	9.30	mg/dL	8.8-10.6	Arsenazo III
PHOSPHORUS, INORGANIC	2.94	mg/dL	2.5-4.5	Phosphomolybdate Complex
SODIUM	140	mmol/L	136–146	ISE (Indirect)
POTASSIUM	4.2	mmol/L	3.5–5.1	ISE (Indirect)
CHLORIDE	106	mmol/L	101–109	ISE (Indirect)



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DEPARTMENT OF BIOCHEMISTRY

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Test Name	Result	Unit	Bio. Ref. Range	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM	17.00	U/L	<55	IFCC



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DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
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THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM

TRI-IODOTHYRONINE (T3, TOTAL)	0.88	ng/mL	0.7-2.04	CLIA
THYROXINE (T4, TOTAL)	8.42	µg/dL	6.09-12.23	CLIA
THYROID STIMULATING HORMONE (TSH)	0.484	µIU/mL	0.34-5.60	CLIA

Comment:

Serum TSH concentrations exhibit a diurnal variation with the peak occurring during the night and the nadir occurring between 10 a.m. and 4 p.m. In primary hypothyroidism, thyroid-stimulating hormone (TSH) levels will be elevated. In primary hyperthyroidism, TSH levels will be low. Elevated or low TSH in the context of normal free thyroxine is often referred to as subclinical hypo- or hyperthyroid-ism, respectively. Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy.

Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.

Note:

For pregnant females	Bio Ref Range for TSH in uIU/ml (As per American Thyroid Association)
First trimester	0.1 - 2.5
Second trimester	0.2 - 3.0
Third trimester	0.3 - 3.0



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DEPARTMENT OF IMMUNOLOGY

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Test Name	Result	Unit	Bio. Ref. Range	Method
TOTAL PROSTATIC SPECIFIC ANTIGEN (tPSA) , SERUM	0.660	ng/mL	0-4	CLIA



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UHID/MR No : CINR.0000154629	Reported : 25/Jul/2023 11:15AM
Visit ID : CINROPV200177	Status : Final Report
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DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
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COMPLETE URINE EXAMINATION (CUE) , URINE

PHYSICAL EXAMINATION

COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Visual
pH	5.5		5-7.5	DOUBLE INDICATOR
SP. GRAVITY	1.010		1.002-1.030	Bromothymol Blue

BIOCHEMICAL EXAMINATION

URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NEGATIVE		NEGATIVE	GLUCOSE OXIDASE
URINE BILIRUBIN	NEGATIVE		NEGATIVE	AZO COUPLING REACTION
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	SODIUM NITRO PRUSSIDE
UROBILINOGEN	NORMAL		NORMAL	MODIFIED EHRlich REACTION
BLOOD	NEGATIVE		NEGATIVE	Peroxidase
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	LEUCOCYTE ESTERASE

CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY

PUS CELLS	3-4	/hpf	0-5	Microscopy
EPITHELIAL CELLS	2-3	/hpf	<10	MICROSCOPY
RBC	NIL	/hpf	0-2	MICROSCOPY
CASTS	NIL		0-2 Hyaline Cast	MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY



SIN No:UR2154085

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Test Name	Result	Unit	Bio. Ref. Range	Method
URINE GLUCOSE(FASTING) , URINE	NEGATIVE		NEGATIVE	Dipstick

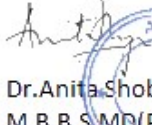
*** End Of Report ***

Result/s to Follow:

GLUCOSE (POST PRANDIAL) - URINE, BLOOD GROUP ABO AND RH FACTOR, GLUCOSE, FASTING, PERIPHERAL SMEAR, GLUCOSE, POST PRANDIAL (PP), 2 HOURS (POST MEAL)



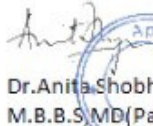
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