



Patient Name : Mr.NIRJHAR BASWAL

Age/Gender : 31 Y 11 M 2 D/M
UHID/MR No : SCHI.0000018366

Visit ID : SCHIOPV38464

Ref Doctor : Dr.SELF Emp/Auth/TPA ID : 181659 Collected : 26/Oct/2024 10:52AM

Received : 26/Oct/2024 11:35AM Reported : 26/Oct/2024 04:41PM

Status : Final Report

Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF HAEMATOLOGY

PERIPHERAL SMEAR, WHOLE BLOOD EDTA

Dr. SHWETA GUPTA
MBBS,MD (Pathology)
Consultant Pathology
SIN No:BED240241924



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DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	13.8	g/dL	13-17	CYANIDE FREE COLOUROMETER
PCV	43.50	%	40-50	PULSE HEIGHT AVERAGE
RBC COUNT	5.37	Million/cu.mm	4.5-5.5	Electrical Impedence
MCV	80.9	fL	83-101	Calculated
MCH	25.6	pg	27-32	Calculated
MCHC	31.7	g/dL	31.5-34.5	Calculated
R.D.W	14.5	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	5,870	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT	「(DLC)			<u>'</u>
NEUTROPHILS	55.3	%	40-80	Electrical Impedance
LYMPHOCYTES	32	%	20-40	Electrical Impedance
EOSINOPHILS	3.9	%	1-6	Electrical Impedance
MONOCYTES	7.9	%	2-10	Electrical Impedance
BASOPHILS	0.9	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	3246.11	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	1878.4	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	228.93	Cells/cu.mm	20-500	Calculated
MONOCYTES	463.73	Cells/cu.mm	200-1000	Calculated
BASOPHILS	52.83	Cells/cu.mm	0-100	Calculated
Neutrophil lymphocyte ratio (NLR)	1.73		0.78- 3.53	Calculated
PLATELET COUNT	242000	cells/cu.mm	150000-410000	IMPEDENCE/MICROSCOPY
ERYTHROCYTE SEDIMENTATION RATE (ESR)	10	mm at the end of 1 hour	0-15	Modified Westergren
PERIPHERAL SMEAR				

RBCs ARE NORMOCYTIC NORMOCHROMIC.

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

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Dr. SHWETA GUPTA MBBS,MD (Pathology) Consultant Pathology SIN No:BED240241924





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ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

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MBBS,MD (Pathology)
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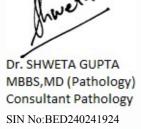
Status

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
BLOOD GROUP ABO AND RH FACTOR	R, WHOLE BLOOD EDTA		<u>'</u>	<u>'</u>
BLOOD GROUP TYPE	В			Forward & Reverse Grouping with Slide/Tube Aggluti
Rh TYPE	POSITIVE			Forward & Reverse Grouping with Slide/Tube Agglutination

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: 26/Oct/2024 12:25PM

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: 26/Oct/2024 02:48PM

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: ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE, FASTING, NAF PLASMA	89	mg/dL	70-100	GOD - POD

Comment:

As per American Diabetes Guidelines, 2023

Fasting Glucose Values in mg/dL	Interpretation
70-100 mg/dL	Normal
100-125 mg/dL	Prediabetes
≥126 mg/dL	Diabetes
<70 mg/dL	Hypoglycemia

Note:

- 1. The diagnosis of Diabetes requires a fasting plasma glucose of > or = 126 mg/dL and/or a random / 2 hr post glucose value of > or = 200 mg/dL on at least 2 occasions.
- 2. Very high glucose levels (>450 mg/dL in adults) may result in Diabetic Ketoacidosis & is considered critical.

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Collected : 26/Oct/2024 02:37PM Received : 26/Oct/2024 03:20PM

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DEPARTMENT OF BIOCHEMISTRY

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ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS, SODIUM FLUORIDE PLASMA (2 HR)	101	mg/dL	70-140	GOD - POD

Comment:

It is recommended that FBS and PPBS should be interpreted with respect to their Biological reference ranges and not with each other.

Conditions which may lead to lower postprandial glucose levels as compared to fasting glucose levels may be due to reactive hypoglycemia, dietary meal content, duration or timing of sampling after food digestion and absorption, medications such as insulin preparations, sulfonylureas, amylin analogues, or conditions such as overproduction of insulin.

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ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
HBA1C (GLYCATED HEMOGLOBIN),	WHOLE BLOOD EDTA			
HBA1C, GLYCATED HEMOGLOBIN	5.6	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	114	mg/dL		Calculated

Comment:

Reference Range as per American Diabetes Association (ADA) 2023 Guidelines:

REFERENCE GROUP	HBA1C %
NON DIABETIC	<5.7
PREDIABETES	5.7 – 6.4
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. HbA1C is recommended by American Diabetes Association for Diagnosing Diabetes and monitoring Glycemic

Control by American Diabetes Association guidelines 2023.

- 2. Trends in HbA1C values is a better indicator of Glycemic control than a single test.
- 3. Low HbA1C in Non-Diabetic patients are associated with Anemia (Iron Deficiency/Hemolytic), Liver Disorders, Chronic Kidney Disease. Clinical Correlation is advised in interpretation of low Values.
- 4. 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.
- 5. In cases of Interference of Hemoglobin variants in HbA1C, alternative methods (Fructosamine) estimation is recommended for Glycemic Control A: HbF >25%
 - B: Homozygous Hemoglobinopathy.

(Hb Electrophoresis is recommended method for detection of Hemoglobinopathy)

Dr Nidhi Sachdev M.B.B.S, MD(Pathology) Consultant Pathologist

SIN No:EDT240093506



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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method			
LIPID PROFILE , SERUM							
TOTAL CHOLESTEROL	168	mg/dL	<200	CHE/CHO/POD			
TRIGLYCERIDES	159	mg/dL	<150	Enzymatic			
HDL CHOLESTEROL	49	mg/dL	>40	CHE/CHO/POD			
NON-HDL CHOLESTEROL	119	mg/dL	<130	Calculated			
LDL CHOLESTEROL	87.2	mg/dL	<100	Calculated			
VLDL CHOLESTEROL	31.8	mg/dL	<30	Calculated			
CHOL / HDL RATIO	3.43		0-4.97	Calculated			
ATHEROGENIC INDEX (AIP)	0.15		<0.11	Calculated			

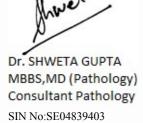
Comment:

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

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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
IVER FUNCTION TEST (LFT) , SERUM				
BILIRUBIN, TOTAL	0.70	mg/dL	0.20-1.30	DIAZO METHOD
BILIRUBIN CONJUGATED (DIRECT)	0.30	mg/dL	0.0-0.3	Calculated
BILIRUBIN (INDIRECT)	0.40	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	47	U/L	<50	Visible with P-5-P
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	37.0	U/L	17-59	UV with P-5-P
AST (SGOT) / ALT (SGPT) RATIO (DE RITIS)	0.8		<1.15	Calculated
ALKALINE PHOSPHATASE	88.00	U/L	38-126	p-nitrophenyl phosphate
PROTEIN, TOTAL	7.90	g/dL	6.3-8.2	Biuret
ALBUMIN	5.00	g/dL	3.5 - 5	Bromocresol Green
GLOBULIN	2.90	g/dL	2.0-3.5	Calculated
A/G RATIO	1.72		0.9-2.0	Calculated

Comment:

LFT results reflect different aspects of the health of the liver, i.e., hepatocyte integrity (AST & ALT), synthesis and secretion of bile (Bilirubin, ALP), cholestasis (ALP, GGT), protein synthesis (Albumin) Common patterns seen:

- 1. Hepatocellular Injury:
- *AST Elevated levels can be seen. However, it is not specific to liver and can be raised in cardiac and skeletal injuries.*ALT Elevated levels indicate hepatocellular damage. It is considered to be most specific lab test for hepatocellular injury. Values also correlate well with increasing BMI. Disproportionate increase in AST, ALT compared with ALP. AST: ALT (ratio) In case of hepatocellular injury AST: ALT > 1In Alcoholic Liver Disease AST: ALT usually >2. This ratio is also seen to be increased in NAFLD, Wilsons's diseases, Cirrhosis, but the increase is usually not >2.
- 2. Cholestatic Pattern:*ALP Disproportionate increase in ALP compared with AST, ALT. ALP elevation also seen in pregnancy, impacted by age and sex.*Bilirubin elevated- predominantly direct , To establish the hepatic origin correlation with elevated GGT helps.
- 3. Synthetic function impairment:*Albumin-Liver disease reduces albumin levels, Correlation with PT (Prothrombin Time) helps.
- 4. Associated tests for assessment of liver fibrosis Fibrosis-4 and APRI Index.

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Dr. SHWETA GUPTA
MBBS,MD (Pathology)
Consultant Pathology
SIN No:SE04839403





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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
RENAL PROFILE/KIDNEY FUNCTION	TEST (RFT/KFT) , SER	RUM	1	
CREATININE	0.70	mg/dL	0.66-1.25	Creatinine amidohydrolase
UREA	14.90	mg/dL	19-43	Urease
BLOOD UREA NITROGEN	7.0	mg/dL	8.0 - 23.0	Calculated
URIC ACID	6.00	mg/dL	3.5-8.5	Uricase
CALCIUM	9.80	mg/dL	8.4 - 10.2	Arsenazo-III
PHOSPHORUS, INORGANIC	3.30	mg/dL	2.5-4.5	PMA Phenol
SODIUM	137	mmol/L	135-145	Direct ISE
POTASSIUM	4.4	mmol/L	3.5-5.1	Direct ISE
CHLORIDE	99	mmol/L	98 - 107	Direct ISE
PROTEIN, TOTAL	7.90	g/dL	6.3-8.2	Biuret
ALBUMIN	5.00	g/dL	3.5 - 5	Bromocresol Green
GLOBULIN	2.90	g/dL	2.0-3.5	Calculated
A/G RATIO	1.72		0.9-2.0	Calculated

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Test Name	Result	Unit	Bio. Ref. Interval	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM	42.00	U/L	15-73	Glyclyclycine Nitoranalide

Dr. SHWETA GUPTA MBBS,MD (Pathology) Consultant Pathology

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DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method			
THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM							
TRI-IODOTHYRONINE (T3, TOTAL)	1.44	ng/mL	0.87-1.78	CLIA			
THYROXINE (T4, TOTAL)	10.07	μg/dL	5.48-14.28	CLIA			
THYROID STIMULATING HORMONE (TSH)	3.048	μIU/mL	0.38-5.33	CLIA			

Comment:

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

- 1. TSH is a glycoprotein hormone secreted by the anterior pituitary. TSH activates production of T3 (Triiodothyronine) and its prohormone T4 (Thyroxine). Increased blood level of T3 and T4 inhibit production of TSH.
- 2. TSH is elevated in primary hypothyroidism and will be low in primary hyperthyroidism. Elevated or low TSH in the context of normal free thyroxine is often referred to as sub-clinical hypo- or hyperthyroidism respectively.
- 3. Both T4 & T3 provides limited clinical information as both are highly bound to proteins in circulation and reflects mostly inactive hormone. Only a very small fraction of circulating hormone is free and biologically active.
- 4. Significant variations in TSH can occur with circadian rhythm, hormonal status, stress, sleep deprivation, medication & circulating antibodies.

TSH	T3	T4	FT4	Conditions
High	Low	Low	Low	Primary Hypothyroidism, Post Thyroidectomy, Chronic Autoimmune Thyroiditis
High	N	N	N	Subclinical Hypothyroidism, Autoimmune Thyroiditis, Insufficient Hormone Treatment.
N/Low	Low	Low	Low	Secondary and Tertiary Hypothyroidism
Low	High	High	High	Primary Hyperthyroidism, Goitre, Thyroiditis, Drug effects, Early Pregnancy
Low	N	N	N	Subclinical Hyperthyroidism
Low	Low	Low	Low	Central Hypothyroidism, Treatment with Hyperthyroidism
Low	N	High	High	Thyroiditis, Interfering Antibodies
N/Low	High	N	N	T3 Thyrotoxicosis, Non thyroidal causes

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Dr Nidhi Sachdev M.B.B.S, MD(Pathology) Consultant Pathologist

SIN No:SPL24144955







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	High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma
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Dr Nidhi Sachdev M.B.B.S,MD(Pathology) Consultant Pathologist

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DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

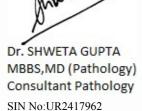
Test Name	Result	Unit	Bio. Ref. Interval	Method
COMPLETE URINE EXAMINATION (CUE) , URINE		<u>'</u>	<u>'</u>
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Physical Measurement
рН	6.0		5-7.5	Double Indicator
SP. GRAVITY	1.025		1.002-1.030	Bromothymol Blue
BIOCHEMICAL 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	Modifed Ehrlich Reaction
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	Leucocyte Esterase
CENTRIFUGED SEDIMENT WET M	OUNT AND MICROSCOPY	Y		
PUS CELLS	2-4	/hpf	0-5	Microscopy
EPITHELIAL CELLS	2-4	/hpf	<10	Microscopy
RBC	ABSENT	/hpf	0-2	Microscopy
CASTS	ABSENT		0-2 Hyaline Cast	Microscopy
CRYSTALS	ABSENT		ABSENT	Microscopy

Comment:

All urine samples are checked for adequacy and suitability before examination. All abnormal chemical examination are rechecked and verified by manual methods. Microscopy findings are reported as an average of 10 high power fields.

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Test Name	Result	Unit	Bio. Ref. Interval	Method
URINE GLUCOSE(POST PRANDIAL)	NEGATIVE		NEGATIVE	GOD-POD
Test Name	Result	Unit	Bio. Ref. Interval	Method

*** End Of Report ***

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TERMS AND CONDITIONS GOVERNING THIS REPORT

- 1. Reported results are for information and interpretation of the referring doctor or such other medical professionals, who understandreporting units, reference ranges and limitation of technologies. Laboratories not be responsible for any interpretation whatsoever.
- 2. It is presumed that the tests performed are, on the specimen / sample being to the patient named or identified and the verifications of parrticulars have been confirmed by the patient or his / her representative at the point of generation of said specimen.
- 3. The reported results are restricted to the given specimen only. Results may vary from lab to lab and from time to time for the same parameter for the same patient (within subject biological variation).
- 4. The patient details along with their results in certain cases like notifiable diseases and as per local regulatory requirements will be communicated to the assigned regulatory bodies.
- 5. The patient samples can be used as part of internal quality control, test verification, data analysis purposes within the testing scope of the laboratory.
- 6. This report is not valid for medico legal purposes. It is performed to facilitate medical diagnosis only.

Dr. SHWETA GUPTA
MBBS,MD (Pathology)
Consultant Pathology
SIN No:UF012142







Patient Name : Mr.NIRJHAR BASWAL

Age/Gender : 31 Y 11 M 2 D/M
UHID/MR No : SCHI.0000018366

Visit ID : SCHIOPV38464

Ref Doctor : Dr.SELF Emp/Auth/TPA ID : 181659 Collected : 26/Oct/2024 10:52AM

Received : 26/Oct/2024 11:35AM Reported : 26/Oct/2024 04:41PM

Status : Final Report

Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF HAEMATOLOGY

PERIPHERAL SMEAR, WHOLE BLOOD EDTA

Dr. SHWETA GUPTA
MBBS,MD (Pathology)
Consultant Pathology
SIN No:BED240241924



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: Mr.NIRJHAR BASWAL

Age/Gender

: 31 Y 11 M 2 D/M

UHID/MR No

: SCHI.0000018366

Visit ID

: SCHIOPV38464

Ref Doctor Emp/Auth/TPA ID : Dr.SELF : 181659 Collected

: 26/Oct/2024 10:52AM

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: 26/Oct/2024 11:35AM : 26/Oct/2024 04:41PM

Reported Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	13.8	g/dL	13-17	CYANIDE FREE COLOUROMETER
PCV	43.50	%	40-50	PULSE HEIGHT AVERAGE
RBC COUNT	5.37	Million/cu.mm	4.5-5.5	Electrical Impedence
MCV	80.9	fL	83-101	Calculated
MCH	25.6	pg	27-32	Calculated
MCHC	31.7	g/dL	31.5-34.5	Calculated
R.D.W	14.5	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	5,870	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT	「(DLC)			<u>'</u>
NEUTROPHILS	55.3	%	40-80	Electrical Impedance
LYMPHOCYTES	32	%	20-40	Electrical Impedance
EOSINOPHILS	3.9	%	1-6	Electrical Impedance
MONOCYTES	7.9	%	2-10	Electrical Impedance
BASOPHILS	0.9	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	3246.11	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	1878.4	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	228.93	Cells/cu.mm	20-500	Calculated
MONOCYTES	463.73	Cells/cu.mm	200-1000	Calculated
BASOPHILS	52.83	Cells/cu.mm	0-100	Calculated
Neutrophil lymphocyte ratio (NLR)	1.73		0.78- 3.53	Calculated
PLATELET COUNT	242000	cells/cu.mm	150000-410000	IMPEDENCE/MICROSCOPY
ERYTHROCYTE SEDIMENTATION RATE (ESR)	10	mm at the end of 1 hour	0-15	Modified Westergren
PERIPHERAL SMEAR				

RBCs ARE NORMOCYTIC NORMOCHROMIC.

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

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Dr. SHWETA GUPTA MBBS,MD (Pathology) Consultant Pathology SIN No:BED240241924





Patient Name : Mr.NIRJHAR BASWAL

Age/Gender : 31 Y 11 M 2 D/M

UHID/MR No : SCHI.0000018366 Visit ID : SCHIOPV38464

Ref Doctor : Dr.SELF Emp/Auth/TPA ID : 181659 Collected : 26/Oct/2024 10:52AM

Received : 26/Oct/2024 11:35AM Reported : 26/Oct/2024 04:41PM

Status : Final Report

Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Dr. SHWETA GUPTA
MBBS,MD (Pathology)
Consultant Pathology
SIN No:BED240241924







Patient Name : Mr.NIRJHAR BASWAL

Age/Gender : 31 Y 11 M 2 D/M UHID/MR No : SCHI.0000018366

Visit ID : SCHIOPV38464

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Collected : 26/Oct/2024 10:52AM Received : 26/Oct/2024 11:35AM

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: Final Report Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF HAEMATOLOGY

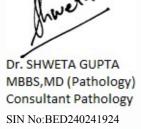
Status

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method			
BLOOD GROUP ABO AND RH FACTOR , WHOLE BLOOD EDTA							
BLOOD GROUP TYPE	В			Forward & Reverse Grouping with Slide/Tube Aggluti			
Rh TYPE	POSITIVE			Forward & Reverse Grouping with Slide/Tube Agglutination			

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: Mr.NIRJHAR BASWAL

Age/Gender

: 31 Y 11 M 2 D/M

UHID/MR No Visit ID : SCHI.0000018366 : SCHIOPV38464

Ref Doctor

: Dr.SELF

Emp/Auth/TPA ID : 181659

Collected

: 26/Oct/2024 10:52AM

Received

: 26/Oct/2024 12:25PM

Reported

: 26/Oct/2024 02:48PM

Status Sponsor Name : Final Report

: ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE, FASTING, NAF PLASMA	89	mg/dL	70-100	GOD - POD

Comment:

As per American Diabetes Guidelines, 2023

Fasting Glucose Values in mg/dL	Interpretation
70-100 mg/dL	Normal
100-125 mg/dL	Prediabetes
≥126 mg/dL	Diabetes
<70 mg/dL	Hypoglycemia

Note:

- 1. The diagnosis of Diabetes requires a fasting plasma glucose of > or = 126 mg/dL and/or a random / 2 hr post glucose value of > or = 200 mg/dL on at least 2 occasions.
- 2. Very high glucose levels (>450 mg/dL in adults) may result in Diabetic Ketoacidosis & is considered critical.

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Patient Name : Mr.NIRJHAR BASWAL

Age/Gender : 31 Y 11 M 2 D/M UHID/MR No : SCHI.0000018366

Visit ID : SCHIOPV38464

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Collected : 26/Oct/2024 02:37PM Received : 26/Oct/2024 03:20PM

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: Final Report Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF BIOCHEMISTRY

Status

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS, SODIUM FLUORIDE PLASMA (2 HR)	101	mg/dL	70-140	GOD - POD

Comment:

It is recommended that FBS and PPBS should be interpreted with respect to their Biological reference ranges and not with each other.

Conditions which may lead to lower postprandial glucose levels as compared to fasting glucose levels may be due to reactive hypoglycemia, dietary meal content, duration or timing of sampling after food digestion and absorption, medications such as insulin preparations, sulfonylureas, amylin analogues, or conditions such as overproduction of insulin.

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Patient Name : Mr.NIRJHAR BASWAL

Age/Gender : 31 Y 11 M 2 D/M

UHID/MR No : SCHI.0000018366

Visit ID : SCHIOPV38464

Ref Doctor : Dr.SELF Emp/Auth/TPA ID : 181659 Collected : 26/Oct/2024 10:52AM

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Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method	
HBA1C (GLYCATED HEMOGLOBIN), WHOLE BLOOD EDTA					
HBA1C, GLYCATED HEMOGLOBIN	5.6	%		HPLC	
ESTIMATED AVERAGE GLUCOSE (eAG)	114	mg/dL		Calculated	

Comment:

Reference Range as per American Diabetes Association (ADA) 2023 Guidelines:

REFERENCE GROUP	HBA1C %
NON DIABETIC	<5.7
PREDIABETES	5.7 - 6.4
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. HbA1C is recommended by American Diabetes Association for Diagnosing Diabetes and monitoring Glycemic
- Control by American Diabetes Association guidelines 2023.
- 2. Trends in HbA1C values is a better indicator of Glycemic control than a single test.
- 3. Low HbA1C in Non-Diabetic patients are associated with Anemia (Iron Deficiency/Hemolytic), Liver Disorders, Chronic Kidney Disease. Clinical Correlation is advised in interpretation of low Values.
- 4. 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.
- 5. In cases of Interference of Hemoglobin variants in HbA1C, alternative methods (Fructosamine) estimation is recommended for Glycemic Control A: HbF >25%
 - B: Homozygous Hemoglobinopathy.
 - (Hb Electrophoresis is recommended method for detection of Hemoglobinopathy)

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Dr Nidhi Sachdev M.B.B.S,MD(Pathology) Consultant Pathologist

SIN No:EDT240093506





: Mr.NIRJHAR BASWAL

Age/Gender

: 31 Y 11 M 2 D/M

UHID/MR No

: SCHI.0000018366

Visit ID Ref Doctor : SCHIOPV38464

Emp/Auth/TPA ID

: Dr.SELF : 181659

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: 26/Oct/2024 03:43PM

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
LIPID PROFILE, SERUM	<u> </u>	<u>'</u>	1	
TOTAL CHOLESTEROL	168	mg/dL	<200	CHE/CHO/POD
TRIGLYCERIDES	159	mg/dL	<150	Enzymatic
HDL CHOLESTEROL	49	mg/dL	>40	CHE/CHO/POD
NON-HDL CHOLESTEROL	119	mg/dL	<130	Calculated
LDL CHOLESTEROL	87.2	mg/dL	<100	Calculated
VLDL CHOLESTEROL	31.8	mg/dL	<30	Calculated
CHOL / HDL RATIO	3.43		0-4.97	Calculated
ATHEROGENIC INDEX (AIP)	0.15		<0.11	Calculated

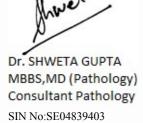
Comment:

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

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Patient Name : M

: Mr.NIRJHAR BASWAL

Age/Gender

: 31 Y 11 M 2 D/M : SCHI.0000018366

UHID/MR No Visit ID

: SCHIOPV38464

Ref Doctor

: Dr.SELF

Emp/Auth/TPA ID : 181659

Collected

: 26/Oct/2024 10:52AM : 26/Oct/2024 11:45AM

Received Reported

: 26/Oct/2024 03:43PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
LIVER FUNCTION TEST (LFT), SERUM				
BILIRUBIN, TOTAL	0.70	mg/dL	0.20-1.30	DIAZO METHOD
BILIRUBIN CONJUGATED (DIRECT)	0.30	mg/dL	0.0-0.3	Calculated
BILIRUBIN (INDIRECT)	0.40	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	47	U/L	<50	Visible with P-5-P
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	37.0	U/L	17-59	UV with P-5-P
AST (SGOT) / ALT (SGPT) RATIO (DE RITIS)	0.8		<1.15	Calculated
ALKALINE PHOSPHATASE	88.00	U/L	38-126	p-nitrophenyl phosphate
PROTEIN, TOTAL	7.90	g/dL	6.3-8.2	Biuret
ALBUMIN	5.00	g/dL	3.5 - 5	Bromocresol Green
GLOBULIN	2.90	g/dL	2.0-3.5	Calculated
A/G RATIO	1.72		0.9-2.0	Calculated

Comment:

LFT results reflect different aspects of the health of the liver, i.e., hepatocyte integrity (AST & ALT), synthesis and secretion of bile (Bilirubin, ALP), cholestasis (ALP, GGT), protein synthesis (Albumin) Common patterns seen:

- 1. Hepatocellular Injury:
- *AST Elevated levels can be seen. However, it is not specific to liver and can be raised in cardiac and skeletal injuries.*ALT Elevated levels indicate hepatocellular damage. It is considered to be most specific lab test for hepatocellular injury. Values also correlate well with increasing BMI. Disproportionate increase in AST, ALT compared with ALP. AST: ALT (ratio) In case of hepatocellular injury AST: ALT > 1In Alcoholic Liver Disease AST: ALT usually >2. This ratio is also seen to be increased in NAFLD, Wilsons's diseases, Cirrhosis, but the increase is usually not >2.
- 2. Cholestatic Pattern:*ALP Disproportionate increase in ALP compared with AST, ALT. ALP elevation also seen in pregnancy, impacted by age and sex.*Bilirubin elevated- predominantly direct , To establish the hepatic origin correlation with elevated GGT helps.
- 3. Synthetic function impairment:*Albumin-Liver disease reduces albumin levels, Correlation with PT (Prothrombin Time) helps.
- 4. Associated tests for assessment of liver fibrosis Fibrosis-4 and APRI Index.

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: Mr.NIRJHAR BASWAL

Age/Gender

: 31 Y 11 M 2 D/M

UHID/MR No

: SCHI.0000018366 : SCHIOPV38464

Visit ID Ref Doctor

: Dr.SELF

Emp/Auth/TPA ID : 181659

Collected

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: 26/Oct/2024 03:43PM

Sponsor Name

: Final Report : ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
RENAL PROFILE/KIDNEY FUNCTION	TEST (RFT/KFT) , SER	RUM	1	
CREATININE	0.70	mg/dL	0.66-1.25	Creatinine amidohydrolase
UREA	14.90	mg/dL	19-43	Urease
BLOOD UREA NITROGEN	7.0	mg/dL	8.0 - 23.0	Calculated
URIC ACID	6.00	mg/dL	3.5-8.5	Uricase
CALCIUM	9.80	mg/dL	8.4 - 10.2	Arsenazo-III
PHOSPHORUS, INORGANIC	3.30	mg/dL	2.5-4.5	PMA Phenol
SODIUM	137	mmol/L	135-145	Direct ISE
POTASSIUM	4.4	mmol/L	3.5-5.1	Direct ISE
CHLORIDE	99	mmol/L	98 - 107	Direct ISE
PROTEIN, TOTAL	7.90	g/dL	6.3-8.2	Biuret
ALBUMIN	5.00	g/dL	3.5 - 5	Bromocresol Green
GLOBULIN	2.90	g/dL	2.0-3.5	Calculated
A/G RATIO	1.72		0.9-2.0	Calculated

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: Mr.NIRJHAR BASWAL

Age/Gender

: 31 Y 11 M 2 D/M

UHID/MR No

: SCHI.0000018366

Visit ID Ref Doctor : SCHIOPV38464

Emp/Auth/TPA ID

: Dr.SELF : 181659 Collected

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Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM	42.00	U/L	15-73	Glyclyclycine Nitoranalide

Dr. SHWETA GUPTA MBBS,MD (Pathology) Consultant Pathology

SIN No:SE04839403



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: Mr.NIRJHAR BASWAL

Age/Gender

: 31 Y 11 M 2 D/M

UHID/MR No Visit ID

: SCHI.0000018366

Ref Doctor

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Emp/Auth/TPA ID

: Dr.SELF : 181659

Collected

: 26/Oct/2024 10:52AM

Received

: 26/Oct/2024 03:57PM

Reported

Status

: 26/Oct/2024 05:36PM

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
THYROID PROFILE TOTAL (T3, T4, TSF	l), SERUM			
TRI-IODOTHYRONINE (T3, TOTAL)	1.44	ng/mL	0.87-1.78	CLIA
THYROXINE (T4, TOTAL)	10.07	μg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	3.048	μIU/mL	0.38-5.33	CLIA

Comment:

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

- 1. TSH is a glycoprotein hormone secreted by the anterior pituitary. TSH activates production of T3 (Triiodothyronine) and its prohormone T4 (Thyroxine). Increased blood level of T3 and T4 inhibit production of TSH.
- 2. TSH is elevated in primary hypothyroidism and will be low in primary hyperthyroidism. Elevated or low TSH in the context of normal free thyroxine is often referred to as sub-clinical hypo- or hyperthyroidism respectively.
- 3. Both T4 & T3 provides limited clinical information as both are highly bound to proteins in circulation and reflects mostly inactive hormone. Only a very small fraction of circulating hormone is free and biologically active.
- 4. Significant variations in TSH can occur with circadian rhythm, hormonal status, stress, sleep deprivation, medication & circulating antibodies.

TSH	T3	T4	FT4	Conditions
High	Low	Low	Low	Primary Hypothyroidism, Post Thyroidectomy, Chronic Autoimmune Thyroiditis
High	N	N	N	Subclinical Hypothyroidism, Autoimmune Thyroiditis, Insufficient Hormone Treatment.
N/Low	Low	Low	Low	Secondary and Tertiary Hypothyroidism
Low	High	High	High	Primary Hyperthyroidism, Goitre, Thyroiditis, Drug effects, Early Pregnancy
Low	N	N	N	Subclinical Hyperthyroidism
Low	Low	Low	Low	Central Hypothyroidism, Treatment with Hyperthyroidism
Low	N	High	High	Thyroiditis, Interfering Antibodies
N/Low	High	N	N	T3 Thyrotoxicosis, Non thyroidal causes

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Dr Nidhi Sachdev M.B.B.S, MD(Pathology) Consultant Pathologist

SIN No:SPL24144955







: Mr.NIRJHAR BASWAL

Age/Gender

: 31 Y 11 M 2 D/M

UHID/MR No Visit ID : SCHI.0000018366

Ref Doctor

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Emp/Auth/TPA ID : 181659

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: Final Report : ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

	High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma
--	------	------	------	------	--

Dr Nidhi Sachdev M.B.B.S,MD(Pathology) Consultant Pathologist

SIN No:SPL24144955



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: Mr.NIRJHAR BASWAL

Age/Gender

: 31 Y 11 M 2 D/M

UHID/MR No Visit ID

: SCHI.0000018366

Ref Doctor

: SCHIOPV38464 : Dr.SELF

Emp/Auth/TPA ID : 181659

Collected

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: 26/Oct/2024 06:38PM

: Final Report

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: 26/Oct/2024 07:18PM

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

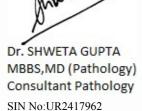
Test Name	Result	Unit	Bio. Ref. Interval	Method
COMPLETE URINE EXAMINATION (CUE) , URINE		<u>'</u>	<u>'</u>
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Physical Measurement
рН	6.0		5-7.5	Double Indicator
SP. GRAVITY	1.025		1.002-1.030	Bromothymol Blue
BIOCHEMICAL 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	Modifed Ehrlich Reaction
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	Leucocyte Esterase
CENTRIFUGED SEDIMENT WET M	OUNT AND MICROSCOPY	Y		
PUS CELLS	2-4	/hpf	0-5	Microscopy
EPITHELIAL CELLS	2-4	/hpf	<10	Microscopy
RBC	ABSENT	/hpf	0-2	Microscopy
CASTS	ABSENT		0-2 Hyaline Cast	Microscopy
CRYSTALS	ABSENT		ABSENT	Microscopy

Comment:

All urine samples are checked for adequacy and suitability before examination. All abnormal chemical examination are rechecked and verified by manual methods. Microscopy findings are reported as an average of 10 high power fields.

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: Mr.NIRJHAR BASWAL

Age/Gender

: 31 Y 11 M 2 D/M

UHID/MR No Visit ID : SCHI.0000018366 : SCHIOPV38464

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DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
URINE GLUCOSE(POST PRANDIAL)	NEGATIVE		NEGATIVE	GOD-POD
Test Name	Result	Unit	Bio. Ref. Interval	Method

*** End Of Report ***

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Patient Name : Mr.NIRJHAR BASWAL

Age/Gender : 31 Y 11 M 2 D/M

UHID/MR No : SCHI.0000018366 Visit ID : SCHIOPV38464

Ref Doctor : Dr.SELF Emp/Auth/TPA ID

: 181659

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Received : 26/Oct/2024 06:38PM Reported : 26/Oct/2024 07:18PM

Status : Final Report

: ARCOFEMI HEALTHCARE LIMITED Sponsor Name

TERMS AND CONDITIONS GOVERNING THIS REPORT

- 1. Reported results are for information and interpretation of the referring doctor or such other medical professionals, who understandreporting units, reference ranges and limitation of technologies. Laboratories not be responsible for any interpretation whatsoever.
- 2. It is presumed that the tests performed are, on the specimen / sample being to the patient named or identified and the verifications of parrticulars have been confirmed by the patient or his / her representative at the point of generation of said specimen.
- 3. The reported results are restricted to the given specimen only. Results may vary from lab to lab and from time to time for the same parameter for the same patient (within subject biological variation).
- 4. The patient details along with their results in certain cases like notifiable diseases and as per local regulatory requirements will be communicated to the assigned regulatory bodies.
- 5. The patient samples can be used as part of internal quality control, test verification, data analysis purposes within the testing scope of the laboratory.
- 6. This report is not valid for medico legal purposes. It is performed to facilitate medical diagnosis only.

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