

Patient Name : Mr.SATISH KUMAR CHINADODDI	Collected : 14/Sep/2024 10:59AM
Age/Gender : 41 Y 1 M 7 D/M	Received : 14/Sep/2024 04:15PM
UHID/MR No : CNAL.0000046373	Reported : 14/Sep/2024 04:58PM
Visit ID : CWANOPV239909	Status : Final Report
Ref Doctor : Self	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 22E33252	

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>HEMOGRAM , WHOLE BLOOD EDTA</b>				
HAEMOGLOBIN	15.6	g/dL	13-17	Spectrophotometer
PCV	48.10	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.1	Million/cu.mm	4.5-5.5	Electrical Impedance
MCV	94.3	fL	83-101	Calculated
MCH	30.7	pg	27-32	Calculated
MCHC	32.5	g/dL	31.5-34.5	Calculated
R.D.W	13.7	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	7,370	cells/cu.mm	4000-10000	Electrical Impedance
<b>DIFFERENTIAL LEUCOCYTIC COUNT (DLC)</b>				
NEUTROPHILS	49	%	40-80	Electrical Impedance
LYMPHOCYTES	38.9	%	20-40	Electrical Impedance
EOSINOPHILS	5.1	%	1-6	Electrical Impedance
MONOCYTES	6.4	%	2-10	Electrical Impedance
BASOPHILS	0.6	%	<1-2	Electrical Impedance
<b>ABSOLUTE LEUCOCYTE COUNT</b>				
NEUTROPHILS	3611.3	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	2866.93	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	375.87	Cells/cu.mm	20-500	Calculated
MONOCYTES	471.68	Cells/cu.mm	200-1000	Calculated
BASOPHILS	44.22	Cells/cu.mm	0-100	Calculated
Neutrophil lymphocyte ratio (NLR)	1.26		0.78- 3.53	Calculated
PLATELET COUNT	275000	cells/cu.mm	150000-410000	Electrical impedance
ERYTHROCYTE SEDIMENTATION RATE (ESR)	5	mm at the end of 1 hour	0-15	Modified Westergren
<b>PERIPHERAL SMEAR</b>				

RBC's are Normocytic Normochromic  
WBC's are normal in number and morphology  
Platelets are Adequate  
No hemoparasite seen.



DR.Sanjay Ingle  
M.B.B.S,M.D(Pathology)  
Consultant Pathologist

SIN No:CWA240900392

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab



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DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324



DR.Sanjay Ingle  
M.B.B.S,M.D(Pathology)  
Consultant Pathologist

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Visit ID : CWANOPV239909	Status : Final Report
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**DEPARTMENT OF HAEMATOLOGY**

**ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324**

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>BLOOD GROUP ABO AND RH FACTOR , WHOLE BLOOD EDTA</b>				
BLOOD GROUP TYPE	O			Microplate Hemagglutination
Rh TYPE	Positive			Microplate Hemagglutination



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M.B.B.S,M.D(Pathology)  
Consultant Pathologist

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Patient Name : Mr.SATISH KUMAR CHINADODDI	Collected : 14/Sep/2024 10:59AM
Age/Gender : 41 Y 1 M 7 D/M	Received : 14/Sep/2024 03:54PM
UHID/MR No : CNAL.0000046373	Reported : 14/Sep/2024 04:32PM
Visit ID : CWANOPV239909	Status : Final Report
Ref Doctor : Self	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 22E33252	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE, FASTING , NAF PLASMA	93	mg/dL	70-100	HEXOKINASE

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:

- 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.
- Very high glucose levels ( $>$ 450 mg/dL in adults) may result in Diabetic Ketoacidosis & is considered critical.



Dr Sneha Shah  
MBBS, MD (Pathology)  
Consultant Pathologist

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Patient Name : Mr.SATISH KUMAR CHINADODDI	Collected : 14/Sep/2024 01:51PM
Age/Gender : 41 Y 1 M 7 D/M	Received : 14/Sep/2024 07:20PM
UHID/MR No : CNAL.0000046373	Reported : 14/Sep/2024 07:51PM
Visit ID : CWANOPV239909	Status : Final Report
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DEPARTMENT OF BIOCHEMISTRY

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Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS , SODIUM FLUORIDE PLASMA (2 HR)	95	mg/dL	70-140	HEXOKINASE

**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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 Consultant Pathologist

SIN No:CWA240900491

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Patient Name : Mr.SATISH KUMAR CHINADODDI	Collected : 14/Sep/2024 10:59AM
Age/Gender : 41 Y 1 M 7 D/M	Received : 15/Sep/2024 12:21PM
UHID/MR No : CNAL.0000046373	Reported : 15/Sep/2024 03:42PM
Visit ID : CWANOPV239909	Status : Final Report
Ref Doctor : Self	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 22E33252	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>HBA1C (GLYCATED HEMOGLOBIN) , WHOLE BLOOD EDTA</b>				
HBA1C, GLYCATED HEMOGLOBIN	5.7	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	117	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. RAJESH BATTINA  
PhD.(Biochemistry)  
Consultant Biochemist

SIN No: CWA240900395

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory, Hyderabad

**Apollo Health and Lifestyle Limited** (CIN - U85110TG2000PLC115819)

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Telangana: Hyderabad (AS Rao Nagar | Chanda Nagar | Kondapur | Nallakunta | Nizampet | Manikonda | Uppal) | Andhra Pradesh: Vizag (Seethamma Peta) | Karnataka: Bangalore (Basavanagudi | Bellandur | Electronics City | Fraser Town | HSR Layout | Indira Nagar | JP Nagar | Kundalahalli | Koramangala | Sarjapur Road) | Mysore (VV Mohalla) | Tamilnadu: Chennai (Annanagar | Kotturpuram | Mogappair | T Nagar | Valasaravakkam | Velachery) | Maharashtra: Pune (Aundh | Nigdi Pradhikaran | Viman Nagar | Wanowrie) | Uttar Pradesh: Ghaziabad (Indrapuram) | Gujarat: Ahmedabad (Satellite) | Punjab: Amritsar (Court Road) | Haryana: Faridabad (Railway Station Road)

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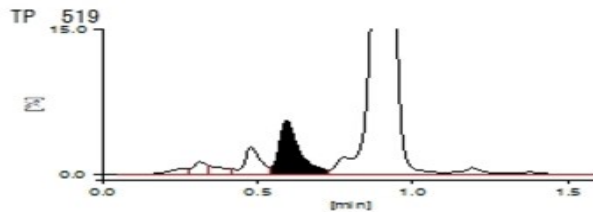
Chromatogram Report

V5.28 1 2024-09-15 14:52:06  
 ID CWA240900395  
 Sample No. 09150111 SL 0001 - 09  
 Patient ID  
 Name  
 Comment

CALIB	Y = 1.1860X + 0.6587		
Name	%	Time	Area
A1A	0.5	0.23	8.14
A1B	0.6	0.31	10.76
F	0.6	0.39	9.78
LA1C+	1.7	0.48	29.98
SA1C	5.7	0.59	74.75
AO	92.8	0.90	1593.16
H-V0			
H-V1			
H-V2			

Total Area 1726.57

HbA1c 5.7 % IFCC 39 mmol/mol  
HbA1 6.8 % HbF 0.6 %



15-09-2024 14:52:07 APOLLO

APOLLO DIAGNOSTICS GLOBAL  
BALNAGAR

1 / 1



Dr. RAJESH BATTINA  
 PhD.(Biochemistry)  
 Consultant Biochemist

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Patient Name : Mr.SATISH KUMAR CHINADODDI	Collected : 14/Sep/2024 10:59AM
Age/Gender : 41 Y 1 M 7 D/M	Received : 14/Sep/2024 09:36PM
UHID/MR No : CNAL.0000046373	Reported : 15/Sep/2024 07:08AM
Visit ID : CWANOPV239909	Status : Final Report
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**DEPARTMENT OF BIOCHEMISTRY**

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Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>LIPID PROFILE , SERUM</b>				
TOTAL CHOLESTEROL	154	mg/dL	<200	CHO-POD
TRIGLYCERIDES	125	mg/dL	<150	GPO-POD
HDL CHOLESTEROL	42	mg/dL	40-60	Enzymatic Immunoinhibition
NON-HDL CHOLESTEROL	112	mg/dL	<130	Calculated
LDL CHOLESTEROL	87.15	mg/dL	<100	Calculated
VLDL CHOLESTEROL	24.96	mg/dL	<30	Calculated
CHOL / HDL RATIO	3.67		0-4.97	Calculated
ATHEROGENIC INDEX (AIP)	0.11		<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

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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Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>LIVER FUNCTION TEST (LFT) , SERUM</b>				
BILIRUBIN, TOTAL	0.75	mg/dL	0.3-1.2	DPD
BILIRUBIN CONJUGATED (DIRECT)	0.17	mg/dL	<0.2	DPD
BILIRUBIN (INDIRECT)	0.58	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	32.06	U/L	<50	IFCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	22.0	U/L	<50	IFCC
AST (SGOT) / ALT (SGPT) RATIO (DE RITIS)	0.7		<1.15	Calculated
ALKALINE PHOSPHATASE	54.23	U/L	30-120	IFCC
PROTEIN, TOTAL	7.22	g/dL	6.6-8.3	Biuret
ALBUMIN	4.65	g/dL	3.5-5.2	BROMO CRESOL GREEN
GLOBULIN	2.57	g/dL	2.0-3.5	Calculated
A/G RATIO	1.81		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 > 1 In Alcoholic Liver Disease AST: ALT usually >2. This ratio is also seen to be increased in NAFLD, Wilson’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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<b>RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , SERUM</b>				
CREATININE	1.10	mg/dL	0.72 – 1.18	Modified Jaffe, Kinetic
UREA	<b>16.42</b>	mg/dL	17-43	GLDH, Kinetic Assay
BLOOD UREA NITROGEN	<b>7.7</b>	mg/dL	8.0 - 23.0	Calculated
URIC ACID	<b>7.98</b>	mg/dL	3.5–7.2	Uricase PAP
CALCIUM	10.10	mg/dL	8.8-10.6	Arsenazo III
PHOSPHORUS, INORGANIC	3.73	mg/dL	2.5-4.5	Phosphomolybdate Complex
SODIUM	140.72	mmol/L	136–146	ISE (Indirect)
POTASSIUM	4.8	mmol/L	3.5–5.1	ISE (Indirect)
CHLORIDE	103.26	mmol/L	101–109	ISE (Indirect)
PROTEIN, TOTAL	7.22	g/dL	6.6-8.3	Biuret
ALBUMIN	4.65	g/dL	3.5-5.2	BROMO CRESOL GREEN
GLOBULIN	2.57	g/dL	2.0-3.5	Calculated
A/G RATIO	1.81		0.9-2.0	Calculated



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Emp/Auth/TPA ID : 22E33252	

**DEPARTMENT OF BIOCHEMISTRY**

**ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324**

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM</b>	21.66	U/L	<55	IFCC



DR.Sanjay Ingle  
M.B.B.S,M.D(Pathology)  
Consultant Pathologist

SIN No:CWA240900391

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab



Patient Name : Mr.SATISH KUMAR CHINADODDI	Collected : 14/Sep/2024 10:59AM
Age/Gender : 41 Y 1 M 7 D/M	Received : 14/Sep/2024 04:10PM
UHID/MR No : CNAL.0000046373	Reported : 14/Sep/2024 05:45PM
Visit ID : CWANOPV239909	Status : Final Report
Ref Doctor : Self	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 22E33252	

DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM</b>				
TRI-iodothyronine (T3, TOTAL)	1.08	ng/mL	0.7-2.04	CLIA
THYROXINE (T4, TOTAL)	7.51	µg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	1.682	µIU/mL	0.34-5.60	CLIA

Comment:

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

- 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.
- 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.
- 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.
- 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 Replacement Therapy.
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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High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma
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UHID/MR No	: CNAL.0000046373	Reported	: 14/Sep/2024 05:40PM
Visit ID	: CWANOPV239909	Status	: Final Report
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**DEPARTMENT OF IMMUNOLOGY**

**ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324**

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>TOTAL PROSTATIC SPECIFIC ANTIGEN (tPSA) , SERUM</b>	0.700	ng/mL	0-4	CLIA



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DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS ABOVE 50Y MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>COMPLETE URINE EXAMINATION (CUE) , URINE</b>				
<b>PHYSICAL EXAMINATION</b>				
COLOUR	PALE YELLOW		PALE YELLOW	Scattering of light
TRANSPARENCY	CLEAR		CLEAR	Scattering of light
pH	5.5		5-7.5	Bromothymol Blue
SP. GRAVITY	1.003		1.002-1.030	Bromothymol Blue
<b>BIOCHEMICAL EXAMINATION</b>				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NORMAL		NEGATIVE	GOD-POD
URINE BILIRUBIN	NEGATIVE		NEGATIVE	Diazonium Salt
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	Sodium nitro prusside
UROBILINOGEN	NORMAL		NORMAL (0.1-1.8mg/dl)	Diazonium salt
NITRITE	NEGATIVE		NEGATIVE	Sulfanilic acid
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	Diazonium salt
<b>CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY</b>				
PUS CELLS	1 - 2	/hpf	0-5	Microscopy
EPITHELIAL CELLS	0 - 1	/hpf	< 10	Microscopy
RBC	0	/hpf	0-2	Microscopy
CASTS	NEGATIVE	/lpf	0-2 Hyaline Cast	Microscopy
CRYSTALS	NEGATIVE	/hpf	Occasional-Few	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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DEPARTMENT OF CLINICAL PATHOLOGY

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

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

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



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#### TERMS AND CONDITIONS GOVERNING THIS REPORT

The reported results are for information and interpretation of the referring doctor or such other medical professionals, who understand reporting units, reference ranges and limitations of technologies.

Laboratories not be responsible for any interpretation whatsoever.

It is presumed that the tests performed are, on the specimen / sample being to the patient named or identified and the verifications of the particulars have been cleared out by the patient or his / her representative at the point of generation of said specimen.

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.

Assays are performed in accordance with standard procedures, The reported results are dependent on individual assay methods / equipment used and quality of specimen received.

This report is not valid for medico legal purposes.



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