



CODE/NAME & ADDRESS: C000138379

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL
F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0065WL000683

PATIENT ID : SUREM10107965

CLIENT PATIENT ID: ABHA NO : AGE/SEX :44 Years
DRAWN :

RECEIVED : 09/12/2023 09:26:30 REPORTED :11/12/2023 18:39:00

Test Report Status <u>Final</u> Results Biological Reference Interval Units

HAEMATOLOGY - CBC						
MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE						
BLOOD COUNTS, EDTA WHOLE BLOOD						
HEMOGLOBIN (HB) METHOD: CYANIDE FREE DETERMINATION	14.0	13.0 - 17.0	g/dL			
RED BLOOD CELL (RBC) COUNT METHOD: FLUORESCENCE FLOW CYTOMETRY	5.29	4.5 - 5.5	mil/μL			
WHITE BLOOD CELL (WBC) COUNT METHOD: ELECTRICAL IMPEDANCE	5.47	4.0 - 10.0	thou/μL			
PLATELET COUNT METHOD: ELECTRONIC IMPEDENCE & MICROSCOPY	105 Low	150 - 410	thou/μL			
RBC AND PLATELET INDICES						
HEMATOCRIT (PCV) METHOD: CALCULATED PARAMETER	44.4	40 - 50	%			
MEAN CORPUSCULAR VOLUME (MCV) METHOD: DERIVED PARAMETER FROM RBC HISTOGRAM	84.0	83.0 - 101.0	fL			
MEAN CORPUSCULAR HEMOGLOBIN (MCH) METHOD: CALCULATED PARAMETER	26.5 Low	27.0 - 32.0	pg			
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC) METHOD: CALCULATED PARAMETER	31.5	31.5 - 34.5	g/dL			
RED CELL DISTRIBUTION WIDTH (RDW) METHOD: DERIVED PARAMETER FROM RBC HISTOGRAM	14.5 High	11.6 - 14.0	%			
MENTZER INDEX	15.9					
MEAN PLATELET VOLUME (MPV) METHOD: DERIVED PARAMETER FROM PLATELET HISTOGRAM	16.2 High	6.8 - 10.9	fL			
WBC DIFFERENTIAL COUNT			0.4			
NEUTROPHILS METHOD: FLUORESCENCE FLOW CYTOMETRY	57	40 - 80	%			
LYMPHOCYTES METHOD: FLUORESCENCE FLOW CYTOMETRY	34	20 - 40	%			
MONOCYTES METHOD: FLUORESCENCE FLOW CYTOMETRY	6	2 - 10	%			
EOSINOPHILS METHOD: FLUORESCENCE FLOW CYTOMETRY	3	1 - 6	%			

Secret Steamer

Dr. Sushant Chikane Consultant Pathologist



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BASOPHILS	0	0 - 1	%	
METHOD: FLUORESCENCE FLOW CYTOMETRY				
ABSOLUTE NEUTROPHIL COUNT	3.12	2.0 - 7.0	thou/μL	
METHOD : CALCULATED PARAMETER				
ABSOLUTE LYMPHOCYTE COUNT METHOD: CALCULATED PARAMETER	1.86	1.0 - 3.0	thou/µL	
ABSOLUTE MONOCYTE COUNT	0.33	0.2 - 1.0	thou/µL	
METHOD: CALCULATED PARAMETER				
ABSOLUTE EOSINOPHIL COUNT	0.16	0.02 - 0.50	thou/μL	
METHOD: CALCULATED PARAMETER				
ABSOLUTE BASOPHIL COUNT	0 Low	0.02 - 0.10	thou/µL	
METHOD: CALCULATED PARAMETER				
NEUTROPHIL LYMPHOCYTE RATIO (NLR)	1.7			
METHOD : CALCULATED				
MORPHOLOGY				
RBC	Predominantly nor	mocytic normochromic.		
WBC	Normal morpholog	у.		
PLATELETS	Mildly reduced in s	Mildly reduced in smear. Macroplatelets are seen.		

Interpretation(s)
BLOOD COUNTS,EDTA WHOLE BLOOD-The cell morphology is well preserved for 24hrs. However after 24-48 hrs a progressive increase in MCV and HCT is observed leading to a decrease in MCHC. A direct smear is recommended for an accurate differential count and for examination of RBC morphology.

RBC AND PLATELET INDICES-Mentzer index (MCV/RBC) is an automated cell-counter based calculated screen tool to differentiate cases of Iron deficiency anaemia(>13) from Beta thalassaemia trait

(<13) in patients with microcytic anaemia. This needs to be interpreted in line with clinical correlation and suspicion. Estimation of HbA2 remains the gold standard for

diagnosing a case of beta thalassaemia trait.

WBC DIFFERENTIAL COUNT-The optimal threshold of 3.3 for NLR showed a prognostic possibility of clinical symptoms to change from mild to severe in COVID positive

This ratio element is a calculated parameter and out of NABL scope.

Dr. Sushant Chikane **Consultant Pathologist**





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Male

REF. DOCTOR: SELF PATIENT NAME: SURESH PRASAD

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HAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

ERYTHROCYTE SEDIMENTATION RATE (ESR), EDTA BLOOD

17 High 0 - 14mm at 1 hr E.S.R

METHOD: AUTOMATED (PHOTOMETRICAL CAPILLARY STOPPED FLOW KINETIC ANALYSIS)

GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE **BLOOD**

HBA1C 8.0 High Non-diabetic Adult < 5.7 %

Pre-diabetes 5.7 - 6.4

Diabetes diagnosis: > or = 6.5Therapeutic goals: < 7.0

Action suggested: > 8.0 (ADA Guideline 2021)

METHOD: ION-EXCHANGE HPLC

ESTIMATED AVERAGE GLUCOSE(EAG) 182.9 High < 116 mg/dL

ERYTHROCYTE SEDIMENTATION RATE (ESR), EDTA BLOOD-**TEST DESCRIPTION**:Erythrocyte sedimentation rate (ESR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (sedimentation) of erythrocytes in a sample of blood that has been placed into a tall, thin, vertical tube. Results are reported as the millimetres of clear fluid (plasma) that are present at the top portion of the tube after one hour. Nowadays fully automated instruments are available to measure ESR.

ESR is not diagnostic it is a non-specific test that may be elevated in a number of different conditions. It provides general information about the presence of an inflammatory condition.CRP is superior to ESR because it is more sensitive and reflects a more rapid change

TEST INTERPRETATION

Increase in: Infections, Vasculities, Inflammatory arthritis, Renal disease, Anemia, Malignancies and plasma cell dyscrasias, Acute allergy Tissue injury, Pregnancy,

Estrogen medication, Aging.
Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, Disseminated malignancies, connective tissue disease, severe infections such as bacterial endocarditis).

In pregnancy BRI in first trimester is 0-48 mm/hr(62 if anemic) and in second trimester (0-70 mm /hr(95 if anemic). ESR returns to normal 4th week post partum.

Decreased in: Polycythermia vera, Sickle cell anemia

LIMITATIONS

False elevated ESR: Increased fibrinogen, Drugs(Vitamin A, Dextran etc), Hypercholesterolemia

False Decreased: Poikilocytosis, (SickleCells, spherocytes), Microcytosis, Low fibrinogen, Very high WBC counts, Drugs (Quinine,

salicylates)

1. Nathan and Oski's Haematology of Infancy and Childhood, 5th edition 2. Paediatric reference intervals. AACC Press, 7th edition. Edited by S. Soldin 3. The reference for the adult reference range is "Practical Haematology by Dacie and Lewis, 10th edition. GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE BLOOD-Used For:

- 1. Evaluating the long-term control of blood glucose concentrations in diabetic patients.
- 2. Diagnosing diabetes.3. Identifying patients at increased risk for diabetes (prediabetes).

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Agilus Diagnostics Ltd Prime Square Building, Plot No 1, Gaiwadi Industrial Estate, S.V. Road, Goregaon (W) Mumbai, 400062 Maharashtra, India







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The ADA recommends measurement of HbA1c (typically 3-4 times per year for type 1 and poorly controlled type 2 diabetic patients, and 2 times per year for well-controlled type 2 diabetic patients) to determine whether a patients metabolic control has remained continuously within the target range.

1. eAG (Estimated average glucose) converts percentage HbA1c to md/dl, to compare blood glucose levels.

- eAG gives an evaluation of blood glucose levels for the last couple of months.
 eAG is calculated as eAG (mg/dl) = 28.7 * HbA1c 46.7

HbA1c Estimation can get affected due to :

- 1. Shortened Erythrocyte survival: Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g. recovery from acute blood loss, hemolytic anemia) will falsely lower HbA1c test results. Fructosamine is recommended in these patients which indicates diabetes control over 15 days.
- 2.Vitamin C & E are reported to falsely lower test results. (possibly by inhibiting glycation of hemoglobin.
 3. Iron deficiency anemia is reported to increase test results. Hypertriglyceridemia, uremia, hyperbilirubinemia, chronic alcoholism, chronic ingestion of salicylates & opiates addiction are reported to interfere with some assay methods, falsely increasing results.

 4. Interference of hemoglobinopathies in HbA1c estimation is seen in
- a) Homozygous hemoglobinopathy. Fructosamine is recommended for testing of HbA1c. b) Heterozygous state detected (D10 is corrected for HbS & HbC trait.)
- c) HbF > 25% on alternate paltform (Boronate affinity chromatography) is recommended for testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is recommended for detecting a hemoglobinopathy

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IMMUNOHAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD

0 **ABO GROUP**

METHOD: HAEMAGGLUTINATION (AUTOMATED)

POSITIVE RH TYPE

METHOD: HAEMAGGLUTINATION (AUTOMATED)

Interpretation(s)
ABO GROUP & RH TYPE, EDTA WHOLE BLOOD-Blood group is identified by antigens and antibodies present in the blood. Antigens are protein molecules found on the surface of red blood cells. Antibodies are found in plasma. To determine blood group, red cells are mixed with different antibody solutions to give A,B,O or AB.

Disclaimer: "Please note, as the results of previous ABO and Rh group (Blood Group) for pregnant women are not available, please check with the patient records for availability of the same.

The test is performed by both forward as well as reverse grouping methods.

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BIOCHEMISTRY

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

GLUCOSE FASTING, FLUORIDE PLASMA

FBS (FASTING BLOOD SUGAR) 136 High Normal <100 mg/dL

Impaired fasting glucose:100 to

125

Diabetes mellitus: > = 126 (on

more than 1 occassion) (ADA guidelines 2021)

METHOD: SPECTROPHOTOMETRY HEXOKINASE

GLUCOSE, POST-PRANDIAL, PLASMA

PPBS(POST PRANDIAL BLOOD SUGAR) 234 High Normal <140 mg/dL

Impaired glucose tolerance:140 to 199 Diabetes mellitus: > = 200 (on more than 1 occassion)

ADA guideline 2021

METHOD: SPECTROPHOTOMETRY HEXOKINASE

LIPID PROFILE WITH CALCULATED LDL

CHOLESTEROL, TOTAL 178 Desirable: < 200 mg/dL

Borderline : 200 - 239 High : > / = 240

METHOD: SPECTROPHOTOMETRY, ENZYMATIC COLORIMETRIC - CHOLETSEROL OXIDASE, ESTERASE, PEROXIDASE

TRIGLYCERIDES 251 High Normal: < 150 mg/dL

Borderline high: 150 - 199

High: 200 - 499 Very High: >/= 500

METHOD: SPECTROPHOTOMETRY, ENZYMATIC ENDPOINT WITH GLYCEROL BLANK

HDL CHOLESTEROL 34 Low At Risk: < 40 mg/dL

Desirable: > or = 60

 ${\tt METHOD: SPECTROPHOTOMETRY, HOMOGENEOUS\ DIRECT\ ENZYMATIC\ COLORIMETRIC}$

CHOLESTEROL LDL 94 Optimal: < 100 mg/dL

Near optimal/above optimal:

100-129

Borderline high: 130-159

High: 160-189 Very high: = 190

 ${\tt METHOD}: {\tt CALCULATED} \ {\tt PARAMETER}$

Paris

Dr. Apeksha Sharma D.P.B.,DNB (PATH) (Reg.no.MMC2008/06/2561) Consultant Pathologist



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NON HDL CHOLESTEROL	144 High	Desirable : < 130 mg/dL Above Desirable : $130 - 159$ Borderline High : $160 - 189$ High : $190 - 219$ Very high : $> / = 220$
METHOD: CALCULATED PARAMETER		
VERY LOW DENSITY LIPOPROTEIN METHOD: CALCULATED PARAMETER	50.0 High	< or = 30.0 mg/dL
CHOL/HDL RATIO	5.2 High	Low Risk: 3.3 - 4.4 Average Risk: 4.5 - 7.0 Moderate Risk: 7.1 - 11.0 High Risk: > 11.0
METHOD: CALCULATED PARAMETER		-
LDL/HDL RATIO	2.8	Desirable/Low Risk: 0.5 - 3.0 Borderline/Moderate Risk: 3.1 - 6.0 High Risk: > 6.0

METHOD: CALCULATED PARAMETER

Interpretation(s)

Serum lipid profile is measured for cardiovascular risk prediction. Lipid Association of India recommends LDL-C as primary target and Non HDL-C as co-primary treatment target.

Risk Stratification for ASCVD (Atherosclerotic cardiovascular disease) by Lipid Association of India

Risk Category			
Extreme risk group	A.CAD with > 1 feature of high risk group		
	B. CAD with > 1 feature of Very high risk a	group or recurrent ACS (within 1 year) despite LDL-C < or =	
	50 mg/dl or polyvascular disease		
Very High Risk	1. Established ASCVD 2. Diabetes with 2:	major risk factors or evidence of end organ damage 3.	
	Familial Homozygous Hypercholesterolemi	a	
High Risk	1. Three major ASCVD risk factors. 2. Dia	abetes with 1 major risk factor or no evidence of end organ	
	damage. 3. CKD stage 3B or 4. 4. LDL >190 mg/dl 5. Extreme of a single risk factor. 6. Coronary		
	Artery Calcium - CAC >300 AU. 7. Lipoprotein a >/= 50mg/dl 8. Non stenotic carotid plaque		
Moderate Risk	2 major ASCVD risk factors		
Low Risk	0-1 major ASCVD risk factors		
Major ASCVD (Atherosclerotic cardiovascular disease) Risk Factors			
Age > or = 45 years in males and > or = 55 years in females Current Cigarette smoking or tobacco use			
2. Family history of premature ASCVD 4. High blood pressure			
5. Low HDL			
	d . e . el . l . l el . el el el el		

Newer treatment goals and statin initiation thresholds based on the risk categories proposed by LAI in 2020.

Risk Group	Treatment Goals		Consider Drug Therapy	
	LDL-C (mg/df)	Non-HDL (mg/dl)	LDL-C (mg/dl)	Non-HDL (mg/dl)

Dama

Dr. Apeksha Sharma D.P.B.,DNB (PATH) (Reg.no.MMC2008/06/2561) Consultant Pathologist



Dr. Deepak Sanghavi Chief Of Lab - Mumbai Refrence Lab





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Extreme Risk Group Category A	<50 (Optional goal < OR = 30)	<80 (Optional goal <or 60)<="" =="" th=""><th>>OR = 50</th><th>>OR = 80</th></or>	>OR = 50	>OR = 80
Extreme Risk Group Category B	<or 30<="" =="" td=""><td><or 60<="" =="" td=""><td>> 30</td><td>>60</td></or></td></or>	<or 60<="" =="" td=""><td>> 30</td><td>>60</td></or>	> 30	>60
Very High Risk	<50	<80	>OR= 50	>OR= 80
High Risk	<70	<100	>OR= 70	>OR= 100
Moderate Risk	<100	<130	>OR= 100	>OR= 130
Low Risk	<100	<130	>OR= 130*	>OR= 160

^{*}After an adequate non-pharmacological intervention for at least 3 months.

References: Management of Dyslipidaemia for the Prevention of Stroke: Clinical Practice Recommendations from the Lipid Association of India. Current Vascular Pharmacology, 2022, 20, 134-155.

LIVER FUNCTION PROFILE, SERUM

BILIRUBIN, TOTAL METHOD: SPECTROPHOTOMETRY, COLORIMETRIC -DIAZO METHOD	1.26 High	Upto 1.2	mg/dL
BILIRUBIN, DIRECT METHOD: SPECTROPHOTOMETRY, JENDRASSIK & GROFF - DIAZOTI.	0.37 High ZATION	< or = 0.3	mg/dL
BILIRUBIN, INDIRECT METHOD: CALCULATED PARAMETER	0.89	0.0 - 0.9	mg/dL
TOTAL PROTEIN METHOD: SPECTROPHOTOMETRY, COLORIMETRIC -BIURET, REAGEN	6.9 IT BLANK, SERUM BLANK	6.0 - 8.0	g/dL
ALBUMIN METHOD: SPECTROPHOTOMETRY, BROMOCRESOL GREEN(BCG) - D'	4.8 YE BINDING	3.97 - 4.94	g/dL
GLOBULIN METHOD: CALCULATED PARAMETER	2.1	2.0 - 3.5	g/dL
ALBUMIN/GLOBULIN RATIO METHOD: CALCULATED PARAMETER	2.3 High	1.0 - 2.1	RATIO
ASPARTATE AMINOTRANSFERASE(AST/SGOT) METHOD: SPECTROPHOTOMETRY, WITHOUT PYRIDOXAL PHOSPHATI	53 High E ACTIVATION(P5P) - IFCC	Upto 40	U/L
ALANINE AMINOTRANSFERASE (ALT/SGPT) METHOD: SPECTROPHOTOMETRY, WITHOUT PYRIDOXAL PHOSPHATI	119 High E ACTIVATION(P5P) - IFCC	Upto 41	U/L
ALKALINE PHOSPHATASE METHOD: SPECTROPHOTOMETRY, PNPP, AMP BUFFER - IFCC	87	40 - 129	U/L
GAMMA GLUTAMYL TRANSFERASE (GGT) METHOD: SPECTROPHOTOMETRY, ENZYMATIC COLORIMETRIC - G-G	24 GLUTAMYL-CARBOXY-NITROANILIDE -	< 60	U/L
LACTATE DEHYDROGENASE METHOD: SPECTROPHOTOMETRY, LACTATE TO PYRUVATE - UV-IFCC	184	< 232	U/L
BLOOD UREA NITROGEN (BUN), SERUM			
BLOOD UREA NITROGEN	9	6 - 20	mg/dL

Dr. Apeksha Sharma D.P.B., DNB (PATH) (Reg.no.MMC2008/06/2561) **Consultant Pathologist**



Dr. Deepak Sanghavi Chief Of Lab - Mumbai Refrence Lab





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Agilus Diagnostics Ltd Prime Square Building, Plot No 1, Gaiwadi Industrial Estate, S.V. Road, Goregaon (W) Mumbai, 400062 Maharashtra, India







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METHOD: SPECTROPHOTOMETRY, UREASE -COLORIMETRIC

CREATININE, SERUM

CREATININE **0.85 Low** 0.90 - 1.30 mg/dL

METHOD: SPECTROPHOTOMETRY, JAFFE'S ALKALINE PICRATE KINETIC - RATE BLANKED - IFCC-IDMS STANDARIZED

BUN/CREAT RATIO

BUN/CREAT RATIO 10.59 8 - 15

METHOD: CALCULATED PARAMETER

URIC ACID, SERUM

URIC ACID 5.8 3.4 - 7.0 mg/dL

METHOD: SPECTROPHOTOMETRY, ENZYMATIC COLORIMETRIC- URICASE

TOTAL PROTEIN, SERUM

TOTAL PROTEIN 6.9 6.0 - 8.0 q/dL

METHOD: SPECTROPHOTOMETRY, COLORIMETRIC-BIURET, REAGENT BLANK, SERUM BLANK

ALBUMIN, SERUM

ALBUMIN 4.8 3.97 - 4.94 q/dL

METHOD: SPECTROPHOTOMETRY, BROMOCRESOL GREEN(BCG) - DYE BINDING

GLOBULIN

GLOBULIN 2.1 2.0 - 3.5 g/dL

METHOD: CALCULATED PARAMETER

ELECTROLYTES (NA/K/CL), SERUM

SODIUM, SERUM 138 136 - 145 mmol/L

METHOD : ISE INDIRECT

POTASSIUM, SERUM 3.90 3.5 - 5.1 mmol/L

METHOD : ISE INDIRECT

CHLORIDE, SERUM 102 98 - 106 mmol/L

METHOD : ISE INDIRECT
Interpretation(s)

Sodium Potassium Chloride

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Decreased in:CCF.cirrhosis. Decreased in: Low potassium Decreased in: Vomiting, diarrhea, vomiting, diarrhea, excessive intake,prolonged vomiting or diarrhea, renal failure combined with salt sweating, salt-losing RTA types I and II, deprivation, over-treatment with nephropathy, adrenal insufficiency, hyperaldosteronism, Cushing's diuretics, chronic respiratory acidosis, nephrotic syndrome, water syndrome,osmotic diuresis (e.g. diabetic ketoacidosis, excessive intoxication, SIADH. Drugs: hyperglycemia), alkalosis, familial sweating, SIADH, salt-losing thiazides, diuretics, ACE inhibitors, periodic paralysis,trauma nephropathy, porphyria, expansion of chlorpropamide,carbamazepine,anti (transient).Drugs: Adrenergic agents, extracellular fluid volume, depressants (SSRI), antipsychotics. diuretics. adrenalinsufficiency, hyperaldosteronism, metabolic alkalosis. Drugs: chronic laxative,corticosteroids, diuretics. Increased in: Dehydration Increased in: Renal failure, nephrotic Increased in: Massive hemolysis, (excessivesweating, severe severe tissue damage, rhabdomyolysis, syndrome, RTA, dehydration, vomiting or diarrhea), diabetes acidosis, dehydration, renal failure, overtreatment with Addison's disease, RTA type IV, mellitus, diabetesinsipidus, saline, hyperparathyroidism, diabetes hyperaldosteronism, inadequate hyperkalemic familial periodic insipidus, metabolic acidosis from water intake. Drugs; steroids. diarrhea (Loss of HCO3-), respiratory paralysis. Drugs: potassium salts. licorice.oral contraceptives. potassium- sparing diuretics, NSAIDs, alkalosis, hyperadrenocorticism, beta-blockers, ACE inhibitors, high-Drugs: acetazolamide, androgens, dose trimethoprim-sulfamethoxazole. hydrochlorothiazide, salicylates. Interferences: Severe lipemia or Interferences: Hemolysis of sample, Interferences:Test is helpful in hyperproteinemi, if sodium analysis delayed separation of serum, assessing normal and increased anion involves a dilution step can cause prolonged fist clenching during blood gap metabolic acidosis and in spurious results. The serum sodium drawing, and prolonged tourniquet distinguishing hypercalcemia due to falls about 1.6 mEq/L for each 100 hyperparathyroidism (high serum placement. Very high WBC/PLT counts may cause spurious. Plasma potassium mg/dL increase in blood glucose. chloride) from that due to malignancy levels are normal. (Normal serum chloride)

Interpretation(s)

GLUCOSE FASTING, FLUORIDE PLASMA-TEST DESCRIPTION

Normally, the glucose concentration in extracellular fluid is closely regulated so that a source of energy is readily available to tissues and sothat no glucose is excreted in the

Increased in:Diabetes mellitus, Cushing's syndrome (10 – 15%), chronic pancreatitis (30%). Drugs:corticosteroids,phenytoin, estrogen, thiazides.

Decreased in:Pancreatic islet cell disease with increased insulin,insulinoma,adrenocortical insufficiency,hypopituitarism,diffuse liver disease,

malignancy(adrenocortical,stomach,fibrosarcoma),infant of a diabetic mother,enzyme deficiency diseases(e.g.galactosemia),Drugs-insulin,ethanol,propranolol sulfonylureas, tolbutamide, and other oral hypoglycemic agents.

NOTE: While random serum glucose levels correlate with home glucose monitoring results (weekly mean capillary glucose values), there is wide fluctuation within

individuals.Thus, glycosylated hemoglobin(HbA1c) levels are favored to monitor glycemic control.

High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment,Renal Glyosuria,Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc.

GLUCOSE, POST-PRANDIAL, PLASMA-High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin

treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc. Additional test HbA1c LIVER FUNCTION PROFILE, SERUM-

Bilirubin is a yellowish pigment found in bile and is a breakdown product of normal heme catabolism. Bilirubin is excreted in bile and urine, and elevated levels may give yellow discoloration in jaundice. **Elevated levels** results from increased bilirubin production (eg, hemolysis and ineffective erythropoiesis), decreased bilirubin excretion (eg, obstruction and hepatitis), and abnormal bilirubin metabolism (eg, hereditary and neonatal jaundice). Conjugated (direct) bilirubin is elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin when there is some kind of blockage of the bile ducts like in Gallstones getting into the bile ducts, tumors &Scarring of the bile ducts. Increased unconjugated (indirect) bilirubin may be a result of Hemolytic or pernicious anemia, Transfusion reaction & a common metabolic condition termed Gilbert syndrome, due to low levels of the enzyme that attaches sugar molecules to bilirubin.

AST is an enzyme found in various parts of the body. AST is found in the liver, heart, skeletal muscle, kidneys, brain, and red blood cells, and it is commonly measured clinically as a marker for liver health. AST levels increase during chronic viral hepatitis, blockage of the bile duct, cirrhosis of the liver,liver cancer,kidney failure,hemolytic anemia pancreatitis hemochromatosis. AST levels may also increase after a heart attack or strenuous activity ALT test measures the amount of this enzyme in the blood ALT is found mainly in the liver, but also in smaller amounts in the kidneys,heart,muscles, and pancreas.It is commonly measured as a part of a diagnostic evaluation of hepatocellular injury, to determine liver health. AST levels increase during acute hepatitis, sometimes due to a viral infection, is chemia to the liver, chronic



Dr. Apeksha Sharma D.P.B., DNB (PATH) (Reg.no.MMC2008/06/2561) **Consultant Pathologist**



Dr. Deepak Sanghavi Chief Of Lab - Mumbai Refrence Lab





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REF. DOCTOR: SELF **PATIENT NAME: SURESH PRASAD**

CODE/NAME & ADDRESS: C000138379 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030

8800465156

ACCESSION NO: 0065WL000683

PATIENT ID : SUREM10107965

CLIENT PATIENT ID: ABHA NO

AGE/SEX DRAWN

RECEIVED: 09/12/2023 09:26:30

:44 Years

REPORTED :11/12/2023 18:39:00

Test Report Status Results **Biological Reference Interval** <u>Final</u> Units

hepatitis, obstruction of bile ducts, cirrhosis

ALP is a protein found in almost all body tissues. Tissues with higher amounts of ALP include the liver, bile ducts and bone. Elevated ALP levels are seen in Biliary obstruction, Osteoblastic bone tumors, osteomalacia, hepatitis, Hyperparathyroidism, Leukemia, Lymphoma, Pagets disease, Rickets, Sarcoidosis etc. Lower-than-normal ALP levels seen in Hypophosphatasia, Malnutrition, Protein deficiency, Wilsons disease.

GGT is an enzyme found in cell membranes of many tissues mainly in the liver, kidney and pancreas. It is also found in other tissues including intestine, spleen, heart, brain and seminal vesicles. The highest concentration is in the kidney, but the liver is considered the source of normal enzyme activity. Serum GGT has been widely used as an index of liver dysfunction. Elevated serum GGT activity can be found in diseases of the liver, biliary system and pancreas. Conditions that increase serum GGT are obstructive liver disease, high alcohol consumption and use of enzyme-inducing drugs etc.

Total Protein also known as total protein, is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and globulin. Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstroms disease. Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic

syndrome, Protein-losing enteropathy etc. **Albumin** is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. Low blood albumin levels (hypoalbuminemia) can be caused by: Liver disease like cirrhosis of the liver, nephrotic syndrome, protein-losing enteropathy, Burns, hemodilution, increased vascular permeability or decreased lymphatic clearance, malnutrition and wasting etc

BLOOD UREA NITROGEN (BUN), SERUM-Causes of Increased levels include Pre renal (High protein diet, Increased protein catabolism, GI haemorrhage, Cortisol, Dehydration, CHF Renal), Renal Failure, Post Renal (Malignancy, Nephrolithiasis, Prostatism) Causes of decreased level include Liver disease, SIADH.

CREATININE, SERUM-Higher than normal level may be due to: Blockage in the urinary tract, Kidney problems, such as kidney damage or failure, infection, or reduced blood flow, Loss of body fluid (dehydration), Muscle problems, such as breakdown of muscle fibers, Problems during pregnancy, such as seizures (eclampsia)), or high blood pressure caused by pregnancy (preeclampsia)

Lower than normal level may be due to: Myasthenia Gravis, Muscuophy

URIC ACID, SERUM-Causes of Increased levels: Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic

syndrome Causes of decreased levels-Low Zinc intake, OCP, Multiple Sclerosis

TOTAL PROTEIN, SERUM-is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and globulin. **Higher-than-normal levels may be due to:** Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstroms disease Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic syndrome, Protein-losing enteropathy etc.

ALBUMIN, SERUM-Human serum albumin is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. Low blood albumin levels (hypoalbuminemia) can be caused by: Liver disease like cirrhosis of the liver, nephrotic syndrome, protein-losing enteropathy, Burns, hemodilution, increased vascular permeability or decreased lymphatic clearance, malnutrition and wasting etc.

Dr. Apeksha Sharma D.P.B., DNB (PATH) (Reg.no.MMC2008/06/2561) **Consultant Pathologist**

Dr. Deepak Sanghavi Chief Of Lab - Mumbai Refrence Lab

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Agilus Diagnostics Ltd Prime Square Building, Plot No 1, Gaiwadi Industrial Estate, S.V. Road, Goregaon (W) Mumbai, 400062 Maharashtra, India







Male

PATIENT NAME: SURESH PRASAD REF. DOCTOR: SELF

CODE/NAME & ADDRESS: C000138379 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030

8800465156

ACCESSION NO: 0065WL000683

PATIENT ID : SUREM10107965

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AGE/SEX DRAWN

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:44 Years

Test Report Status Results **Biological Reference Interval** Units <u>Final</u>

CLINICAL PATH - URINALYSIS

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

PHYSICAL EXAMINATION, URINE

COLOR **YELLOW APPEARANCE CLEAR**

CHEMICAL EXAMINATION, URINE

PH 6.5 5.00 - 7.50 1.010 - 1.030 SPECIFIC GRAVITY 1.025 **PROTEIN** NOT DETECTED **NOT DETECTED GLUCOSE** NOT DETECTED NOT DETECTED **KETONES** NOT DETECTED NOT DETECTED **BLOOD** NOT DETECTED NOT DETECTED **BILIRUBIN** NOT DETECTED NOT DETECTED

UROBILINOGEN NOT DETECTED

NITRITE NOT DETECTED NOT DETECTED LEUKOCYTE ESTERASE NOT DETECTED NOT DETECTED

MICROSCOPIC EXAMINATION, URINE

/HPF RED BLOOD CELLS NOT DETECTED NOT DETECTED /HPF PUS CELL (WBC'S) 1-2 0-5 EPITHELIAL CELLS 1-2 0-5 /HPF

NOT DETECTED **CASTS CRYSTALS** NOT DETECTED

BACTERIA NOT DETECTED NOT DETECTED YEAST NOT DETECTED NOT DETECTED

METHOD: URINE ROUTINE & MICROSCOPY EXAMINATION BY INTEGRATED AUTOMATED SYSTEM

Interpretation(s)

The following table describes the probable conditions, in which the analytes are present in urine

Presence of	Conditions		
Proteins	Inflammation or immune illnesses		
Pus (White Blood Cells)	Urinary tract infection, urinary tract or kidney stone, tumors or any kind of kidney impairment		



Dr. Deepak Sanghavi Chief Of Lab - Mumbai Refrence Lab



Dr. Apeksha Sharma D.P.B., DNB (PATH) (Reg.no.MMC2008/06/2561) **Consultant Pathologist**





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DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0065WL000683

PATIENT ID : SUREM10107965

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Test Report Status Final Results Biological Reference Interval Units

Glucose	Diabetes or kidney disease
Ketones	Diabetic ketoacidosis (DKA), starvation or thirst
Urobilinogen	Liver disease such as hepatitis or cirrhosis
Blood	Renal or genital disorders/trauma
Bilirubin	Liver disease
Erythrocytes	Urological diseases (e.g. kidney and bladder cancer, urolithiasis), urinary tract infection and glomerular diseases
Leukocytes	Urinary tract infection, glomerulonephritis, interstitial nephritis either acute or chronic, polycystic kidney disease, urolithiasis, contamination by genital secretions
Epithelial cells	Urolithiasis, bladder carcinoma or hydronephrosis, ureteric stents or bladder catheters for prolonged periods of time
Granular Casts	Low intratubular pH, high urine osmolality and sodium concentration, interaction with Bence-Jones protein
Hyaline casts	Physical stress, fever, dehydration, acute congestive heart failure, renal diseases
Calcium oxalate	Metabolic stone disease, primary or secondary hyperoxaluria, intravenous infusion of large doses of vitamin C, the use of vasodilator naftidrofuryl oxalate or the gastrointestinal lipase inhibitor orlistat, ingestion of ethylene glycol or of star fruit (Averrhoa carambola) or its juice
Uric acid	arthritis
Bacteria	Urinary infectionwhen present in significant numbers & with pus cells.
Trichomonas vaginalis	Vaginitis, cervicitis or salpingitis

Ds/.

Dr. Deepak Sanghavi Chief Of Lab - Mumbai Refrence Lab Dama

Dr. Apeksha Sharma D.P.B.,DNB (PATH) (Reg.no.MMC2008/06/2561) Consultant Pathologist





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Alien Denom



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Male

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Test Report Status <u>Final</u> Results Biological Reference Interval Units

CLINICAL PATH - STOOL ANALYSIS

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

PHYSICAL EXAMINATION, STOOL

COLOUR BROWN

CONSISTENCY SEMI FORMED

MUCUS NOT DETECTED NOT DETECTED

VISIBLE BLOOD ABSENT ABSENT ABSENT

ADULT PARASITE NOT DETECTED

METHOD: MICROSCOPIC EXAMINATION

CHEMICAL EXAMINATION, STOOL

STOOL PH 6.0

OCCULT BLOOD NOT DETECTED NOT DETECTED

METHOD: MODIFIED GUAIAC METHOD

MICROSCOPIC EXAMINATION, STOOL

PUS CELLS 1-2 /hpf

RED BLOOD CELLS NOT DETECTED NOT DETECTED /HPF

METHOD: MICROSCOPIC EXAMINATION

CYSTS NOT DETECTED NOT DETECTED

METHOD: MICROSCOPIC EXAMINATION

OVA NOT DETECTED

METHOD: MICROSCOPIC EXAMINATION

LARVAE NOT DETECTED NOT DETECTED

METHOD: MICROSCOPIC EXAMINATION

TROPHOZOITES NOT DETECTED NOT DETECTED

METHOD: MICROSCOPIC EXAMINATION

FAT ABSENT CHARCOT LEYDEN CRYSTALS ABSENT

Interpretation(s)

Stool routine analysis is only a screening test for disorders of gastrointentestinal tract like infection, malabsorption, etc. The following table describes the probable conditions, in which the analytes are present in stool.

PRESENCE OF	CONDITION
Pus cells	Pus in the stool is an indication of infection

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Dr. Ekta Patil,MD Microbiologist





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NEW DELHI 110030 8800465156 ACCESSION NO: 0065WL000683

PATIENT ID : SUREM10107965

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AGE/SEX

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:44 Years

Test Report Status <u>Final</u> Results Biological Reference Interval Units

Red Blood cells	Parasitic or bacterial infection or an inflammatory bowel condition such as
	ulcerative colitis
Parasites	Infection of the digestive system. Stool examination for ova and parasite detects presence of parasitic infestation of gastrointestinal tract. Various forms of parasite that can be detected include cyst, trophozoite and larvae. One negative result does not rule out the possibility of parasitic infestation. Intermittent shedding of parasites warrants examinations of multiple specimens tested on consecutive days. Stool specimens for parasitic examination should be collected before initiation of antidiarrheal therapy or antiparasitic therapy. This test does not detect presence of opportunistic parasites like Cyclospora, Cryptosporidia and Isospora species. Examination of Ova and Parasite has been carried out by direct and concentration techniques.
Mucus	Mucus is a protective layer that lubricates, protects& reduces damage due to bacteria or viruses.
Charcot-Leyden crystal	Parasitic diseases.
Ova & cyst	Ova & cyst indicate parasitic infestation of intestine.
Frank blood	Bleeding in the rectum or colon.
Occult blood	Occult blood indicates upper GI bleeding.
Macrophages	Macrophages in stool are an indication of infection as they are protective cells.
Epithelial cells	Epithelial cells that normally line the body surface and internal organs show up
	in stool when there is inflammation or infection.
Fat	Increased fat in stool maybe seen in conditions like diarrhoea or malabsorption.
pН	Normal stool pH is slightly acidic to neutral. Breast-fed babies generally have a acidic stool.

ADDITIONAL STOOL TESTS:

- Stool Culture: This test is done to find cause of GI infection, make decision about best treatment for GI infection & to find out if treatment for GI infection worked.
- Fecal Calprotectin: It is a marker of intestinal inflammation. This test is done to differentiate Inflammatory Bowel Disease (IBD) from Irritable Bowel Syndrome (IBS).
- Fecal Occult Blood Test(FOBT): This test is done to screen for colon cancer & to evaluate possible cause of unexplained anaemia.
- Clostridium Difficile Toxin Assay: This test is strongly recommended in healthcare associated bloody or waterydiarrhoea, due to
 overuse of broad spectrum antibiotics which alter the normal GI flora.
- Biofire (Film Array) GI PANEL: In patients of Diarrhoea, Dysentry, Rice watery Stool, FDA approved, Biofire Film Array Test, (Real Time Multiplex PCR) is strongly recommended as it identifies organisms, bacteria, fungi, virus , parasite and other opportunistic pathogens, Vibrio cholera infections only in 3 hours. Sensitivity 96% & Specificity 99%.
- Rota Virus Immunoassay: This test is recommended in severe gastroenteritis in infants & children associated with watery diarrhoea, vomitting& abdominal cramps. Adults are also affected. It is highly contagious in nature.

400

Dr. Ekta Patil,MD Microbiologist





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CODE/NAME & ADDRESS: C000138379

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DELHÍ

NEW DELHI 110030

8800465156

1.0050070N NO. 0005NN 000693

ACCESSION NO: 0065WL000683 AGE/SEX: 44 Years Male

PATIENT ID : SUREM10107965 DRAWN

CLIENT PATIENT ID: RECEIVED : 09/12/2023 09:26:30
ABHA NO : REPORTED :11/12/2023 18:39:00

Test Report Status <u>Final</u> Results Biological Reference Interval Units

SPECIALISED CHEMISTRY - HORMONE

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

THYROID PANEL, SERUM

T3 86.1 80.0 - 200.0 ng/dL

METHOD: COMPETITIVE ELECTROCHEMILUMINESCENCE IMMUNOASSAY

T4 7.34 5.10 - 14.10 $\mu g/dL$

METHOD: COMPETITIVE ELECTROCHEMILUMINESCENCE IMMUNOASSAY

TSH (ULTRASENSITIVE) 0.332 0.270 - 4.200 µIU/mL

METHOD: SANDWICH ELECTROCHEMILUMINESCENCE IMMUNOASSAY

Interpretation(s)

Triiodothyronine T3, Thyroxine T4, and Thyroid Stimulating Hormone TSH are thyroid hormones which affect almost every physiological process in the body, including growth, development, metabolism, body temperature, and heart rate.

Production of T3 and its prohormone thyroxine (T4) is activated by thyroid-stimulating hormone (TSH), which is released from the pituitary gland. Elevated concentrations of T3, and T4 in the blood inhibit the production of TSH.

Excessive secretion of thyroxine in the body is hyperthyroidism, and deficient secretion is called hypothyroidism.

In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hyperthyroidism, TSH levels are low. Below mentioned are the guidelines for Pregnancy related reference ranges for Total T4, TSH & Total T3. Measurement of the serum TT3 level is a more sensitive test for the diagnosis of hyperthyroidism, and measurement of TT4 is more useful in the diagnosis of hypothyroidism. Most of the thyroid hormone in blood is bound to transport proteins. Only a very small fraction of the circulating hormone is free and biologically active. It is advisable to detect Free T3, FreeT4 along with TSH, instead of testing for albumin bound Total T3, Total T4.

Sr. No.	TSH	Total T4	FT4	Total T3	Possible Conditions
1	High	Low	Low	Low	(1) Primary Hypothyroidism (2) Chronic autoimmune Thyroiditis (3)
					Post Thyroidectomy (4) Post Radio-Iodine treatment
2	High	Normal	Normal	Normal	(1)Subclinical Hypothyroidism (2) Patient with insufficient thyroid
					hormone replacement therapy (3) In cases of Autoimmune/Hashimoto
					thyroiditis (4). Isolated increase in TSH levels can be due to Subclinical
					inflammation, drugs like amphetamines, Iodine containing drug and
					dopamine antagonist e.g. domperidone and other physiological reasons.
3	Normal/Low	Low	Low	Low	(1) Secondary and Tertiary Hypothyroidism
4	Low	High	High	High	(1) Primary Hyperthyroidism (Graves Disease) (2) Multinodular Goitre
		-	-	-	(3)Toxic Nodular Goitre (4) Thyroiditis (5) Over treatment of thyroid
					hormone (6) Drug effect e.g. Glucocorticoids, dopamine, T4
					replacement therapy (7) First trimester of Pregnancy
5	Low	Normal	Normal	Normal	(1) Subclinical Hyperthyroidism
6	High	High	High	High	(1) TSH secreting pituitary adenoma (2) TRH secreting tumor
7	Low	Low	Low	Low	(1) Central Hypothyroidism (2) Euthyroid sick syndrome (3) Recent
					treatment for Hyperthyroidism

DS/.

Dr. Deepak Sanghavi Chief Of Lab - Mumbai Refrence Lab Dama

Dr. Apeksha Sharma D.P.B.,DNB (PATH) (Reg.no.MMC2008/06/2561) Consultant Pathologist





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CODE/NAME & ADDRESS: C000138379

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL
F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : 0065WL000683

PATIENT ID : SUREM10107965

CLIENT PATIENT ID: ABHA NO : AGE/SEX :44 Years

:44 Years Male

DRAWN :

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8	Normal/Low	Normal	Normal	High	(1) T3 thyrotoxicosis (2) Non-Thyroidal illness
9	Low	High	High	Normal	(1) T4 Ingestion (2) Thyroiditis (3) Interfering Anti TPO antibodies

REF: 1. TIETZ Fundamentals of Clinical chemistry 2.Guidlines of the American Thyroid association duriing pregnancy and Postpartum, 2011.

NOTE: It is advisable to detect Free T3,FreeT4 along with TSH, instead of testing for albumin bound Total T3, Total T4.TSH is not affected by variation in thyroid - binding protein. TSH has a diurnal rhythm, with peaks at 2:00 - 4:00 a.m. And troughs at 5:00 - 6:00 p.m. With ultradian variations.

85%.

Dr. Deepak Sanghavi Chief Of Lab - Mumbai Refrence Lab Dama

Dr. Apeksha Sharma D.P.B.,DNB (PATH) (Reg.no.MMC2008/06/2561) Consultant Pathologist





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CIN - U74899PB1995PLC045956





 CODE/NAME & ADDRESS : C000138379
 ACCESSION NO : 0065WL000683
 AGE/SEX : 44 Years
 Male

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030

8800465156

| |PATIENT ID : SUREM10107965

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Test Report Status <u>Final</u> Results Biological Reference Interval Units

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

XRAY-CHEST

IMPRESSION NO ABNORMALITY DETECTED

ECG

ECG WITHIN NORMAL LIMITS PLEASE CORRELATE CLINICALLY

MEDICAL HISTORY

RELEVANT PRESENT HISTORY CVS 1ST DOSE.

K/C/O DIABETES.

RELEVANT PAST HISTORY HISTORY OF APPENDECTOMY 15 YEARS BACK

RELEVANT PERSONAL HISTORY

RELEVANT FAMILY HISTORY

HYPERTENSION.
DIABETES.

HISTORY OF MEDICATIONS NOT SIGNIFICANT

ANTHROPOMETRIC DATA & BMI

HEIGHT IN METERS1.67mtsWEIGHT IN KGS.70Kgs

BMI & Weight Status as follows/sqmts

Below 18.5: Underweight 18.5 - 24.9: Normal 25.0 - 29.9: Overweight 30.0 and Above: Obese

GENERAL EXAMINATION

MENTAL / EMOTIONAL STATE NORMAL
PHYSICAL ATTITUDE NORMAL
GENERAL APPEARANCE / NUTRITIONAL HEALTHY

STATUS

BUILT / SKELETAL FRAMEWORK AVERAGE
FACIAL APPEARANCE NORMAL
SKIN NORMAL
UPPER LIMB NORMAL
LOWER LIMB NORMAL
NECK NORMAL

NECK LYMPHATICS / SALIVARY GLANDS NOT ENLARGED OR TENDER

THYROID GLAND NOT ENLARGED

CAROTID PULSATION NORMAL

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Agilus Diagnostics Ltd. Plot No. 88, Road No. 15,Midc Estate,Andheri (East) Mumbai, 400093

Maharashtra, India

Tel: 09152729959/9111591115, Fax: CIN - U74899PB1995PLC045956





CODE/NAME & ADDRESS: C000138379 ACCESSION NO: 0065WL000683 AGE/SEX :44 Years Male ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030

8800465156

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ABHA NO

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Test Report Status Results **Biological Reference Interval** Units <u>Final</u>

NORMAL TEMPERATURE

69/MIN, REGULAR, ALL PERIPHERAL PULSES WELL FELT, NO CAROTID **PULSE**

BRUIT

NORMAL RESPIRATORY RATE

CARDIOVASCULAR SYSTEM

120/70 MM HG mm/Hg BP

(SUPINE)

NORMAL PERICARDIUM APEX BEAT NORMAL **HEART SOUNDS NORMAL MURMURS ABSENT**

RESPIRATORY SYSTEM

SIZE AND SHAPE OF CHEST **NORMAL SYMMETRICAL** MOVEMENTS OF CHEST BREATH SOUNDS INTENSITY **NORMAL**

VESICULAR (NORMAL) BREATH SOUNDS QUALITY

ADDED SOUNDS **ABSENT**

PER ABDOMEN

NORMAL APPEARANCE ABSENT VENOUS PROMINENCE

NOT PALPABLE LIVER **NOT PALPABLE SPLEEN HERNIA ABSENT**

CENTRAL NERVOUS SYSTEM

HIGHER FUNCTIONS NORMAL **NORMAL** CRANIAL NERVES **NORMAL** CEREBELLAR FUNCTIONS SENSORY SYSTEM **NORMAL** MOTOR SYSTEM **NORMAL REFLEXES NORMAL**

MUSCULOSKELETAL SYSTEM

NORMAL SPINE **NORMAL JOINTS**

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DRAWN :

RECEIVED : 09/12/2023 09:26:30 REPORTED :11/12/2023 18:39:00

Test Report Status <u>Final</u> Results Biological Reference Interval Units

BASIC EYE EXAMINATION

CONJUNCTIVA NORMAL
EYELIDS NORMAL
EYE MOVEMENTS NORMAL
CORNEA NORMAL

DISTANT VISION RIGHT EYE WITH GLASSES WITH GLASSES NORMAL (6/6)
DISTANT VISION LEFT EYE WITH GLASSES WITH GLASSES NORMAL (6/6)
NEAR VISION RIGHT EYE WITH GLASSES WITHIN NORMAL LIMIT (N/6)
NEAR VISION LEFT EYE WITH GLASSES WITHIN NORMAL LIMIT (N/6)
COLOUR VISION OUT OF 17 NUMBERED PLATES 17

BASIC ENT EXAMINATION

EXTERNAL EAR CANAL NORMAL TYMPANIC MEMBRANE NORMAL

NOSE NO ABNORMALITY DETECTED

SINUSES NORMAL

THROAT NO ABNORMALITY DETECTED

TONSILS NOT ENLARGED

SUMMARY

RELEVANT HISTORY

CVS 1ST DOSE.

K/C/O DIABETES.

RELEVANT GP EXAMINATION FINDINGS

NOT SIGNIFICANT

RELEVANT GP EXAMINATION FINDINGS NOT SIGNIFICANT RELEVANT LAB INVESTIGATIONS RAISED ESR(17)

LOW PLATELET COUNT(105).

RAISED POSR PRANDIAL BLOOD SUGAR(234).

RAISED SGPT(119). RAISED SGOT(53)

RAISED TOTAL BILIRUBIN(1.26) RAISED DIRECT BILIRUBIN(0.37) LOW CREATININE(0.85). RAISED TRIGLYCERIDES(251). LOW HDL CHOLESTEROL(34).

RAISED NON HDL CHOLÈSTÉROL(144). RAISED VLDL CHOLESTEROL(50)

RAISED HBA1C(8.0)

RELEVANT NON PATHOLOGY DIAGNOSTICS USG: MILD FATTY LIVER.

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View Details

View Repor

Tel: 09152729959/9111591115, Fax: CIN - U74899PB1995PLC045956





CODE/NAME & ADDRESS: C000138379

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL
F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : 0065WL000683

PATIENT ID : SUREM10107965

CLIENT PATIENT ID: ABHA NO : AGE/SEX :44 Years
DRAWN :

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REMARKS / RECOMMENDATIONS

REGULAR PHYSICAL EXERCISES / LOW CALORIC DIET REDUCE FATTY AND PROCESSED FOOD IN DIET REDUCE SUGARS, SWEETS IN DIET FOLLOW UP WITH PHYSICIAN FOR REVIEW OF DIABETES AND ABNORMAL LIPID PROFILE

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View Details

View Report

CIN - U74899PB1995PLC045956





REF. DOCTOR: SELF PATIENT NAME: SURESH PRASAD

CODE/NAME & ADDRESS: C000138379 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0065WL000683

PATIENT ID : SUREM10107965

CLIENT PATIENT ID: ABHA NO

DRAWN

AGE/SEX

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:44 Years

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Test Report Status Results Units **Final**

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

ULTRASOUND ABDOMEN ULTRASOUND ABDOMEN MILD FATTY LIVER. **TMT OR ECHO CLINICAL PROFILE**

2D ECHO DONE NORMAL

Interpretation(s)

THIS REPORT CARRIES THE SIGNATURE OF OUR LABORATORY DIRECTOR. THIS IS AN INVIOLABLE FEATURE OF OUR LAB MANAGEMENT SOFTWARE. HOWEVER, ALL EXAMINATIONS AND INVESTIGATIONS HAVE BEEN CONDUCTED BY OUR PANEL OF DOCTORS.

End Of Report

Please visit www.agilusdiagnostics.com for related Test Information for this accession

CONDITIONS OF LABORATORY TESTING & REPORTING

- 1. It is presumed that the test sample belongs to the patient named or identified in the test requisition form.
- 2. All tests are performed and reported as per the turnaround time stated in the AGILUS Directory of Services.
- 3. Result delays could occur due to unforeseen circumstances such as non-availability of kits / equipment breakdown / natural calamities / technical downtime or any other unforeseen event.
- 4. A requested test might not be performed if:
 - i. Specimen received is insufficient or inappropriate
 - ii. Specimen quality is unsatisfactory
 - iii. Incorrect specimen type
 - iv. Discrepancy between identification on specimen container label and test requisition form

- AGILUS Diagnostics confirms that all tests have been performed or assayed with highest quality standards, clinical safety & technical integrity.
- 6. Laboratory results should not be interpreted in isolation; it must be correlated with clinical information and be interpreted by registered medical practitioners only to determine final diagnosis.
- 7. Test results may vary based on time of collection, physiological condition of the patient, current medication or nutritional and dietary changes. Please consult your doctor or call us for any clarification.
- Test results cannot be used for Medico legal purposes.
- In case of queries please call customer care (91115 91115) within 48 hours of the report.

Agilus Diagnostics Ltd

Fortis Hospital, Sector 62, Phase VIII, Mohali 160062

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