



Patient Ref. No. 77500001714541

CLIENT CODE : C000138354

CLIENT'S NAME AND ADDRESS :

ACROFEMI HEALTHCARE LTD (MEDIWHEEL)
F-703, LADO SARAI, MEHRAULI
SOUTH WEST DELHI
NEW DELHI 110030
DELHI INDIA
8800465156

SRL Ltd
Shop CG 017, PALM SPRINGS PLAZA
GURUGRAM, 122001
HARYANA, INDIA
Tel : 9111591115

PATIENT NAME : KAVITA SHARMA

PATIENT ID : KAVIF310383282

ACCESSION NO : 0282VJ000645 AGE : 39 Years SEX : Female

ABHA NO :

DRAWN :

RECEIVED : 08/10/2022 13:18:19

REPORTED : 10/10/2022 09:07:14

REFERRING DOCTOR : SELF

CLIENT PATIENT ID :

Test Report Status	Final	Results	Biological Reference Interval	Units
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MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE**BLOOD COUNTS,EDTA WHOLE BLOOD**

HEMOGLOBIN	9.8	Low	12.0 - 15.0	g/dL
METHOD : SPECTROPHOTOMETRY				
RED BLOOD CELL COUNT	3.67	Low	3.8 - 4.8	mil/ μ L
METHOD : IMPEDANCE				
WHITE BLOOD CELL COUNT	7.85		4.0 - 10.0	thou/ μ L
METHOD : IMPEDANCE				
PLATELET COUNT	343		150 - 410	thou/ μ L
METHOD : IMPEDANCE				

RBC AND PLATELET INDICES

HEMATOCRIT	30.7	Low	36 - 46	%
METHOD : CALCULATED				
MEAN CORPUSCULAR VOL	83.6		83 - 101	fL
METHOD : DERIVED FROM IMPEDANCE MEASURE				
MEAN CORPUSCULAR HGB.	26.8	Low	27.0 - 32.0	pg
METHOD : CALCULATED PARAMETER				
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION	32.1		31.5 - 34.5	g/dL
METHOD : CALCULATED PARAMETER				
MENTZER INDEX	22.8			
RED CELL DISTRIBUTION WIDTH	16.9	High	11.6 - 14.0	%
METHOD : DERIVED FROM IMPEDANCE MEASURE				
MEAN PLATELET VOLUME	9.0		6.8 - 10.9	fL
METHOD : DERIVED FROM IMPEDANCE MEASURE				

WBC DIFFERENTIAL COUNT - NLR

SEGMENTED NEUTROPHILS	73		40 - 80	%
METHOD : DHSS FLOWCYTOMETRY				
ABSOLUTE NEUTROPHIL COUNT	5.76		2.0 - 7.0	thou/ μ L
METHOD : DHSS FLOWCYTOMETRY, CALCULATED				
LYMPHOCYTES	19	Low	20 - 40	%
METHOD : DHSS FLOWCYTOMETRY				
ABSOLUTE LYMPHOCYTE COUNT	1.46		1 - 3	thou/ μ L
METHOD : DHSS FLOWCYTOMETRY, CALCULATED				
NEUTROPHIL LYMPHOCYTE RATIO (NLR)	4.0			
METHOD : CALCULATED				



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EOSINOPHILS		2	1 - 6	%
METHOD : DHSS FLOWCYTOMETRY				
ABSOLUTE EOSINOPHIL COUNT		0.12	0.02 - 0.50	thou/ μ L
METHOD : DHSS FLOWCYTOMETRY, CALCULATED				
MONOCYTES		6	2 - 10	%
METHOD : DHSS FLOWCYTOMETRY				
ABSOLUTE MONOCYTE COUNT		0.47	0.20 - 1.00	thou/ μ L
METHOD : DHSS FLOWCYTOMETRY, CALCULATED				
BASOPHILS		0	0 - 2	%
METHOD : IMPEDANCE				
ABSOLUTE BASOPHIL COUNT		0.02	0.02 - 0.10	thou/ μ L
METHOD : DHSS FLOWCYTOMETRY, CALCULATED				
ERYTHRO SEDIMENTATION RATE, BLOOD				
SEDIMENTATION RATE (ESR)		30	High 0 - 20	mm at 1 hr
METHOD : AUTOMATED (PHOTOMETRICAL CAPILLARY STOPPED FLOW KINETIC ANALYSIS)				
GLUCOSE, FASTING, PLASMA				
GLUCOSE, FASTING, PLASMA		110	High Normal 75 - 99 Pre-diabetics: 100 - 125 Diabetic: > or = 126	mg/dL
METHOD : SPECTROPHOTOMETRY HEXOKINASE				
GLYCOSYLATED HEMOGLOBIN, EDTA WHOLE BLOOD				
GLYCOSYLATED HEMOGLOBIN (HBA1C)		6.4	High Non-diabetic: < 5.7 Pre-diabetics: 5.7 - 6.4 Diabetics: > or = 6.5 ADA Target: 7.0 Action suggested: > 8.0	%
METHOD : CAPILLARY ELECTROPHORESIS				
MEAN PLASMA GLUCOSE		137.0	High < 116	mg/dL
METHOD : CALCULATED PARAMETER				





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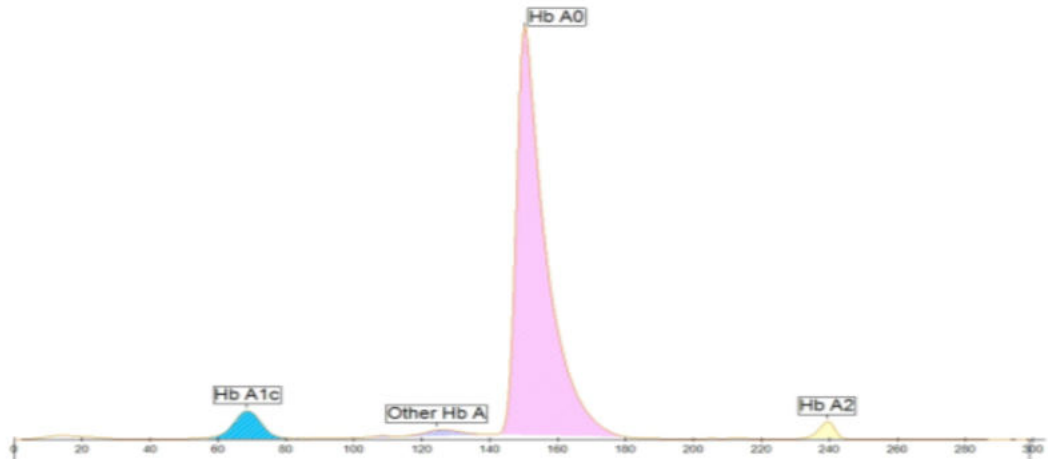
PLOT NO.31,ELECTRONIC CITY,SECTOR 18, GURUGRAM

ID : 28211946244

Sample Date: 10/8/2022

Name :

Sample num.: 233



A1c Haemoglobin Electrophoresis

Fractions	%	mmol/mol	Cal. %
Hb A1c	-	47	6.4
Other Hb A	1.9		
Hb A0	90.0		
Hb A2	2.1		

HbA1c % cal : 6.4 % >

Comments :



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GLUCOSE, POST-PRANDIAL, PLASMA

GLUCOSE, POST-PRANDIAL, PLASMA **168** **High** 70 - 139 mg/dL

METHOD : SPECTROPHOTOMETRY, HEXOKINASE

CORONARY RISK PROFILE, SERUM

CHOLESTEROL 194 Desirable cholesterol level < 200 mg/dL

Borderline high cholesterol 200 - 239
 High cholesterol > / = 240

METHOD : ENZYMATIC COLORIMETRIC ASSAY

TRIGLYCERIDES **167** **High** Normal: < 150 mg/dL

Borderline high: 150 - 199
 High: 200 - 499
 Very High: > / = 500

METHOD : ENZYMATIC COLORIMETRIC ASSAY

HDL CHOLESTEROL 55 Low HDL Cholesterol <40 mg/dL

High HDL Cholesterol > / = 60

METHOD : HOMOGENEOUS ENZYMATIC COLORIMETRIC ASSAY

CHOLESTEROL LDL **118** **High** Adult levels: mg/dL

Optimal < 100
 Near optimal/above optimal: 100-129
 Borderline high : 130-159
 High : 160-189
 Very high : = 190

METHOD : HOMOGENEOUS ENZYMATIC COLORIMETRIC ASSAY

NON HDL CHOLESTEROL **139** **High** Desirable : < 130 mg/dL

Above Desirable : 130 -159
 Borderline High : 160 - 189
 High : 190 - 219
 Very high : > / = 220

METHOD : CALCULATED PARAMETER

CHOL/HDL RATIO 4.0 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 2.1 0.5 - 3.0 Desirable/Low Risk

3.1 - 6.0 Borderline/Moderate Risk
 >6.0 High Risk

METHOD : CALCULATED PARAMETER





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URIC ACID, SERUM

URIC ACID	3.7	2.4 - 5.7	mg/dL
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METHOD : SPECTROPHOTOMETRY, URICASE

TOTAL PROTEIN, SERUM

TOTAL PROTEIN	7.8	6.0 - 8.0	g/dL
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METHOD : SPECTROPHOTOMETRY, BIURET

ALBUMIN, SERUM

ALBUMIN	4.6	3.97 - 4.94	g/dL
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METHOD : SPECTROPHOTOMETRY, BROMOCRESOL GREEN(BCG) - DYE BINDING

GLOBULIN

GLOBULIN	3.2	2.0 - 3.5	g/dL
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METHOD : CALCULATED PARAMETER

ELECTROLYTES (NA/K/CL), SERUM

SODIUM	138	136 - 145	mmol/L
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METHOD : ISE INDIRECT

POTASSIUM	4.3	3.5 - 5.1	mmol/L
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METHOD : ISE INDIRECT

CHLORIDE	101	98 - 107	mmol/L
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METHOD : ISE INDIRECT

PHYSICAL EXAMINATION, URINE

COLOR	PALE YELLOW		
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APPEARANCE	CLEAR		
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SPECIFIC GRAVITY	<=1.005	1.003 - 1.035	
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Comments

NOTE :MICROSCOPIC EXAMINATION OF URINE IS PERFORMED ON CENTRIFUGED URINARY SEDIMENT.
IN NORMAL URINE SAMPLES CAST AND CRYSTALS ARE NOT DETECTED.

CHEMICAL EXAMINATION, URINE

PH	6.0	4.7 - 7.5	
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	NORMAL	NORMAL	



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NITRITE		NOT DETECTED	NOT DETECTED	
LEUKOCYTE ESTERASE		NOT DETECTED	NOT DETECTED	
MICROSCOPIC EXAMINATION, URINE				
PUS CELL (WBC'S)		1-2	0-5	/HPF
EPITHELIAL CELLS		2-3	0-5	/HPF
ERYTHROCYTES (RBC'S)		NOT DETECTED	NOT DETECTED	/HPF
CASTS		NOT DETECTED		
CRYSTALS		NOT DETECTED		
BACTERIA		NOT DETECTED	NOT DETECTED	
THYROID PANEL, SERUM				
T3		115.0	80 - 200	ng/dL
METHOD : ELECTROCHEMILUMINESCENCE IMMUNO ASSAY				
T4		7.20	5.1 - 14.1	µg/dL
METHOD : ELECTROCHEMILUMINESCENCE IMMUNO ASSAY				
TSH 3RD GENERATION		1.030	0.27 - 4.2	µIU/mL
METHOD : ELECTROCHEMILUMINESCENCE IMMUNO ASSAY				
STOOL: OVA & PARASITE				
REMARK		SAMPLE NOT RECEIVED		
METHOD : MICROSCOPIC EXAMINATION				
ABO GROUP & RH TYPE, EDTA WHOLE BLOOD				
ABO GROUP		O		
METHOD : HEMAGGLUTINATION REACTION ON SOLID PHASE				
RH TYPE		RH+		
METHOD : HEMAGGLUTINATION REACTION ON SOLID PHASE				
XRAY-CHEST				
>>>		BOTH THE LUNG FIELDS ARE CLEAR		
>>>		BOTH THE COSTOPHRENIC AND CARDIOPHRENIC ANGLES ARE CLEAR		
>>>		BOTH THE HILA ARE NORMAL		
>>>		CARDIAC AND AORTIC SHADOWS APPEAR NORMAL		
>>>		BOTH THE DOMES OF THE DIAPHRAGM ARE NORMAL		
>>>		VISUALIZED BONY THORAX IS NORMAL		
IMPRESSION		NO ABNORMALITY DETECTED		
TMT OR ECHO				





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NECK		NORMAL		
NECK LYMPHATICS / SALIVARY GLANDS		NOT ENLARGED OR TENDER		
THYROID GLAND		NOT ENLARGED		
CAROTID PULSATION		NORMAL		
TEMPERATURE		NORMAL		
PULSE		82/ MINUTE, REGULAR, ALL PERIPHERAL PULSES FELT.		
RESPIRATORY RATE		NORMAL		
CARDIOVASCULAR SYSTEM				
BP		150/100 MMHG (SUPINE)		mm/Hg
PERICARDIUM		NORMAL		
APEX BEAT		NORMAL		
HEART SOUNDS		NORMAL		
MURMURS		ABSENT		
RESPIRATORY SYSTEM				
SIZE AND SHAPE OF CHEST		NORMAL		
MOVEMENTS OF CHEST		SYMMETRICAL		
BREATH SOUNDS INTENSITY		NORMAL		
BREATH SOUNDS QUALITY		VESICULAR (NORMAL)		
ADDED SOUNDS		ABSENT		
PER ABDOMEN				
APPEARANCE		NORMAL		
VENOUS PROMINENCE		ABSENT		
LIVER		NOT PALPABLE		
SPLEEN		NOT PALPABLE		
CENTRAL NERVOUS SYSTEM				
HIGHER FUNCTIONS		NORMAL		
CRANIAL NERVES		NORMAL		
CEREBELLAR FUNCTIONS		NORMAL		
SENSORY SYSTEM		NORMAL		
MOTOR SYSTEM		NORMAL		
REFLEXES		NORMAL		
MUSCULOSKELETAL SYSTEM				



DIAGNOSTIC REPORT

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Tel : 9111591115**PATIENT NAME : KAVITA SHARMA**PATIENT ID : **KAVIF310383282**ACCESSION NO : **0282VJ000645** AGE : 39 Years SEX : Female ABHA NO :

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SPINE NORMAL

JOINTS NORMAL

BASIC EYE EXAMINATION

DISTANT VISION RIGHT EYE WITHOUT GLASSES 6/6

DISTANT VISION LEFT EYE WITHOUT GLASSES 6/6

NEAR VISION RIGHT EYE WITHOUT GLASSES N/6

NEAR VISION LEFT EYE WITHOUT GLASSES N/6

COLOUR VISION 17/17

SUMMARY

REMARKS / RECOMMENDATIONS

ADVISED
LIFESTYLE CHANGES
REGULAR BP & BLOOD SUGAR RECORDFOLLOW UP WITH PHYSICIAN
& EYE SPECIALIST.
CONSULT GYNAECOLOGIST WITH USG & PAP REPORTS.

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MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE**ULTRASOUND ABDOMEN****ULTRASOUND ABDOMEN****U.S.G Scan S/o Bulky Uterus.****Endometrial polyp.****Uterine fibroid as described above.*****Please correlate clinically.*****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.

WBC DIFFERENTIAL COUNT - NLR-

The optimal threshold of 3.3 for NLR showed a prognostic possibility of clinical symptoms to change from mild to severe in COVID positive patients. When age = 49.5 years old and NLR = 3.3, 46.1% COVID-19 patients with mild disease might become severe. By contrast, when age < 49.5 years old and NLR < 3.3, COVID-19 patients tend to show mild disease.

(Reference to - The diagnostic and predictive role of NLR, d-NLR and PLR in COVID-19 patients ; A.-P. Yang, et al.; International Immunopharmacology 84 (2020) 106504 This ratio element is a calculated parameter and out of NABL scope.

ERYTHRO SEDIMENTATION RATE, BLOOD-

Erythrocyte sedimentation rate (ESR) is a non-specific phenomena and is clinically useful in the diagnosis and monitoring of disorders associated with an increased production of acute phase reactants. The ESR is increased in pregnancy from about the 3rd month and returns to normal by the 4th week post partum. ESR is influenced by age, sex, menstrual cycle and drugs (eg. corticosteroids, contraceptives). It is especially low (0 -1mm) in polycythaemia, hypofibrinogenemia or congestive cardiac failure and when there are abnormalities of the red cells such as polikilocytosis, spherocytosis or sickle cells.

Reference :

1. Nathan and Oski's Haematology of Infancy and Childhood, 5th edition
2. Paediatric reference intervals. AACCPress, 7th edition. Edited by S. Soldin
3. The reference for the adult reference range is "Practical Haematology by Dacie and Lewis, 10th Edition"

GLUCOSE, FASTING, PLASMA-

ADA 2021 guidelines for adults, after 8 hrs fasting is as follows:

Pre-diabetics: 100 - 125 mg/dL

Diabetic: > or = 126 mg/dL

GLYCOSYLATED HEMOGLOBIN, EDTA WHOLE BLOOD-

Glycosylated hemoglobin (GHb) has been firmly established as an index of long-term blood glucose concentrations and as a measure of the risk for the development of complications in patients with diabetes mellitus. Formation of GHb is essentially irreversible, and the concentration in the blood depends on both the life span of the red blood cell (average 120 days) and the blood glucose concentration. Because the rate of formation of GHb is directly proportional to the concentration of glucose in the blood, the GHb concentration represents the integrated values for glucose over the preceding 6-8 weeks.

Any condition that alters the life span of the red blood cells has the potential to alter the GHb level. Samples from patients with hemolytic anemias will exhibit decreased glycosylated hemoglobin values due to the shortened life span of the red cells. This effect will depend upon the severity of the anemia. Samples from patients with polycythemia or post-splenectomy may exhibit increased glycosylated hemoglobin values due to a somewhat longer life span of the red cells.

Glycosylated hemoglobins results from patients with HbSS, HbCC, and HbSC and HbD must be interpreted with caution, given the pathological processes, including anemia, increased red cell turnover, transfusion requirements, that adversely impact HbA1c as a marker of long-term glycemic control. In these conditions, alternative forms of testing such as glycosylated serum protein (fructosamine) should be considered.

"Targets should be individualized; More or less stringent glycemic goals may be appropriate for individual patients. Goals should be individualized based on duration of diabetes, age/life expectancy, comorbid conditions, known CVD or advanced microvascular complications, hypoglycemia unawareness, and individual patient considerations."

References

1. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics, edited by Carl A Burtis, Edward R. Ashwood, David E Bruns, 4th Edition, Elsevier publication, 2006, 879-884.
2. Forsham PH. Diabetes Mellitus: A rational plan for management. Postgrad Med 1982, 71, 139-154.
3. Mayer TK, Freedman ZR: Protein glycosylation in Diabetes Mellitus: A review of laboratory measurements and their clinical utility. Clin Chim Acta 1983, 127, 147-184.



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GLUCOSE, POST-PRANDIAL, PLASMA-ADA Guidelines for 2hr post prandial glucose levels is only after ingestion of 75grams of glucose in 300 ml water,over a period of 5 minutes.

**LIVER FUNCTION PROFILE, SERUM-
 LIVER FUNCTION PROFILE**

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, ischemia to the liver, chronic 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, Paget's disease, Rickets, Sarcoidosis etc. Lower-than-normal ALP levels seen in Hypophosphatasia, Malnutrition, Protein deficiency, Wilson's 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. Serum 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, Waldenstrom's disease. Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic syndrome, Protein-losing enteropathy etc. 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

SERUM BLOOD UREA NITROGEN-

Causes of Increased levels

Pre renal

- High protein diet, Increased protein catabolism, GI haemorrhage, Cortisol, Dehydration, CHF Renal

• Renal Failure

Post Renal

- Malignancy, Nephrolithiasis, Prostatism

Causes of decreased levels

- 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
- Muscular dystrophy

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



DIAGNOSTIC REPORT**Patient Ref. No. 77500001714541****CLIENT CODE :** C000138354**CLIENT'S NAME AND ADDRESS :**ACROFEMI HEALTHCARE LTD (MEDIWHEEL)
F-703, LADO SARAI, MEHRAULI
SOUTH WEST DELHI
NEW DELHI 110030
DELHI INDIA
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GURUGRAM, 122001
HARYANA, INDIA
Tel : 9111591115**PATIENT NAME :** KAVITA SHARMA**PATIENT ID :** KAVIF310383282**ACCESSION NO :** 0282VJ000645 **AGE :** 39 Years **SEX :** Female **ABHA NO :****DRAWN :** **RECEIVED :** 08/10/2022 13:18:19 **REPORTED :** 10/10/2022 09:07:14**REFERRING DOCTOR :** SELF**CLIENT PATIENT ID :**

Test Report Status	Final	Results	Biological Reference Interval	Units
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1 Week: 6.0 - 15.9

NOTE: TSH concentrations in apparently normal euthyroid subjects are known to be highly skewed, with a strong tailed distribution towards higher TSH values. This is well documented in the pediatric population including the infant age group.
Kindly note: Method specific reference ranges are appearing on the report under biological reference range.

Reference:

- Burtis C.A., Ashwood E. R. Bruns D.E. Teitz textbook of Clinical Chemistry and Molecular Diagnostics, 4th Edition.
- Gowenlock A.H. Varley's Practical Clinical Biochemistry, 6th Edition.
- Behrman R.E. Kilegman R.M., Jenson H. B. Nelson Text Book of Pediatrics, 17th Edition

STOOL: OVA & PARASITE-

Acute infective diarrhoea and gastroenteritis (diarrhoea with vomiting) are major causes of ill health and premature death in developing countries. Loss of water and electrolytes from the body can lead to severe dehydration which if untreated, can be rapidly fatal in young children, especially that are malnourished, hypoglycaemic, and generally in poor health.

Laboratory diagnosis of parasitic infection is mainly based on microscopic examination and the gross examination of the stool specimen. Depending on the nature of the parasite, the microscopic observations include the identification of cysts, ova, trophozoites, larvae or portions of adult structure. The two classes of parasites that cause human infection are the Protozoa and Helminths. The protozoan infections include amoebiasis mainly caused by Entamoeba histolytica and giardiasis caused by Giardia lamblia. The common helminthic parasites are Trichuris trichiura, Ascaris lumbricoides, Strongyloides stercoralis, Taenia sp. etc

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.

MEDICAL

HISTORY-*****
THIS REPORT CARRIES THE SIGNATURE OF OUR LABORATORY DIRECTOR. THIS IS AN INVIOABLE 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.srlworld.com for related Test Information for this accession**

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Patient Ref. No. 77500001714541

CLIENT CODE : C000138354

CLIENT'S NAME AND ADDRESS :

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Test Report Status	Final	Results	Biological Reference Interval	Units
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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 SRL 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
5. SRL 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.
8. Test results cannot be used for Medico legal purposes.
9. In case of queries please call customer care (91115 91115) within 48 hours of the report.

SRL Limited

Fortis Hospital, Sector 62, Phase VIII,
Mohali 160062



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