



DIAGNOSTIC REPORT







KHUSF30068962

CLIENT CODE: C000138376

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 PLOT NO.160,POCKET D-11 SECTOR 8, ROHINI

PATIENT ID:

CLIENT PATIENT ID :

12/09/2022 13:44

NEW DELHI, 110085 NEW DELHI, INDIA Tel : 9111591115, Fax : CIN - U74899PB1995PLC045956 Email : customercare.pitampura@srl.in

REPORTED :

PATIENT NAME :	KHUSHBOO GUPTA	

ACCESSION NO : 0062VI000337 AGE : 33 Years SEX : Female

RECEIVED : 10/09/2022 08:59

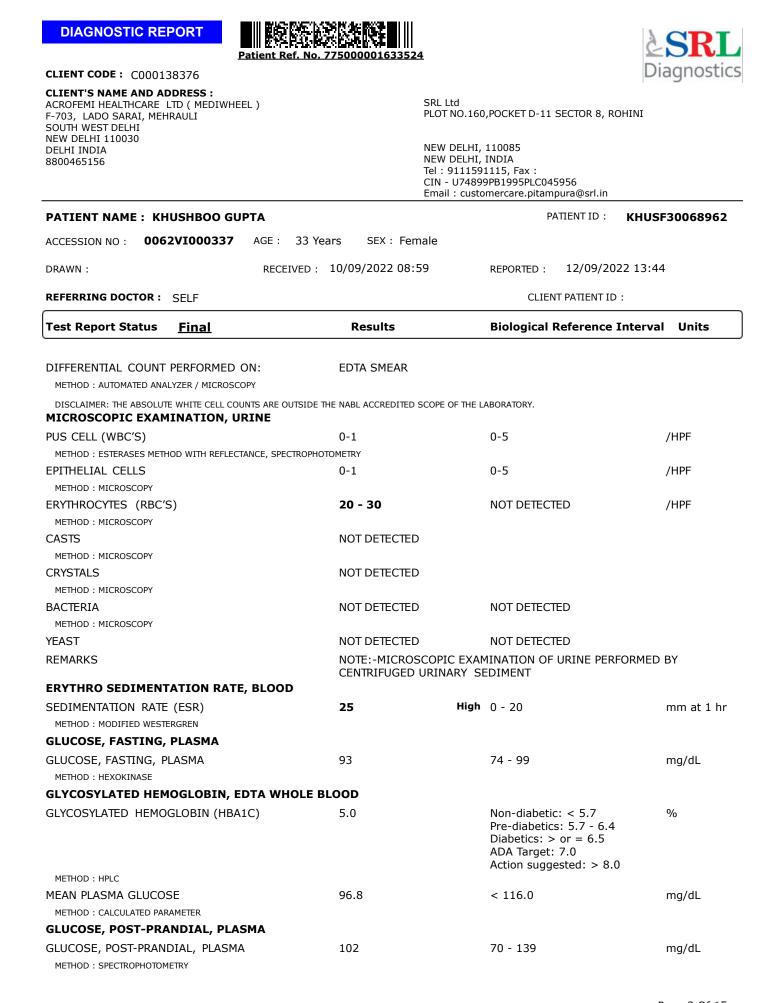
REFERRING DOCTOR : SELF

DRAWN :

Test Report Status **Final** Results **Biological Reference Interval** Units METHOD : PROTEIN ERROR OF INDICATORS WITH REFLECTANCE, SPECTROPHOTOMETRY GLUCOSE NOT DETECTED NOT DETECTED METHOD : GLUCOSE OXIDASE WITH REFLECTANCE, SPECTROPHOTOMETRY **KETONES** NOT DETECTED NOT DETECTED METHOD : ROTHERA'S WITH REFLECTANCE. SPECTROPHOTOMETRY NOT DETECTED BLOOD DETECTED (++) METHOD : PEROXIDASE METHOD WITH REFLECTANCE, SPECTROPHOTOMETRY BILIRUBIN NOT DETECTED NOT DETECTED METHOD : DIAZOTIZED WITH REFLECTANCE, SPECTROPHOTOMETRY UROBILINOGEN NORMAL NORMAL METHOD : EHRLICH REACTION WITH REFLECTANCE, SPECTROPHOTOMETRY NOT DETECTED NOT DETECTED NITRITE METHOD : DIAZONIUM COMPOUND WITH REFLECTANCE, SPECTROPHOTOMETRY NOT DETECTED LEUKOCYTE ESTERASE NOT DETECTED WBC DIFFERENTIAL COUNT - NLR SEGMENTED NEUTROPHILS 40 - 80 % 63 METHOD : IMPEDENCE / MICROSCOPY ABSOLUTE NEUTROPHIL COUNT 3.97 2.0 - 7.0 thou/µL METHOD : CALCULATED PARAMETER LYMPHOCYTES 28 20 - 40 % METHOD : IMPEDENCE / MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 1.76 1.0 - 3.0 thou/µL METHOD : CALCULATED PARAMETER NEUTROPHIL LYMPHOCYTE RATIO (NLR) 2.3 EOSINOPHILS 1 - 6 % 4 METHOD : IMPEDENCE / MICROSCOPY 0.25 0.02 - 0.50 thou/µL ABSOLUTE EOSINOPHIL COUNT METHOD : CALCULATED PARAMETER MONOCYTES 4 2 - 10 % METHOD : IMPEDENCE / MICROSCOPY ABSOLUTE MONOCYTE COUNT 0.25 0.2 - 1.0 thou/µL METHOD : CALCULATED PARAMETER BASOPHILS % 1 0 - 2METHOD : IMPEDENCE / MICROSCOPY ABSOLUTE BASOPHIL COUNT 0.06 0.02 - 0.10thou/µL METHOD : CALCULATED PARAMETER













Diagnostics

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Test Report Status <u>Final</u>	Results		Biological Reference Interv	val Units
CORONARY RISK PROFILE, SERUM CHOLESTEROL	173		< 200 Desirable 200 - 239 Borderline High >/= 240 High	mg/dL
METHOD : SPECTROPHOTOMETRY			>/- 240 High	
TRIGLYCERIDES	152	High	< 150 Normal 150 - 199 Borderline High 200 - 499 High >/=500 Very High	mg/dL
METHOD : SPECTROPHOTOMETRY				
HDL CHOLESTEROL	45		< 40 Low >/=60 High	mg/dL
METHOD : SPECTROPHOTOMETRY	00			<i>(</i>))
CHOLESTEROL LDL	98		< 100 Optimal 100 - 129 Near optimal/ above optimal 130 - 159 Borderline High 160 - 189 High >/= 190 Very High	mg/dL
NON HDL CHOLESTEROL	128		Desirable-Less than 130 Above Desirable-130-159 Borderline High-160-189 High-190-219 Very High- >or =220	mg/dL
METHOD : CALCULATED PARAMETER			, 2	
CHOL/HDL RATIO	3.8			
LDL/HDL RATIO	2.2		0.5 - 3.0 Desirable/Low Risk 3.1 - 6.0 Borderline/Moderate >6.0 High Risk	e Risk
VERY LOW DENSITY LIPOPROTEIN	30.4		5	mg/dL
LIVER FUNCTION PROFILE, SERUM				
BILIRUBIN, TOTAL METHOD : SPECTROPHOTOMETRY	0.29		Upto 1.2	mg/dL
BILIRUBIN, DIRECT METHOD : SPECTROPHOTOMETRY	0.12		Upto 0.2	mg/dL
BILIRUBIN, INDIRECT	0.17		0.00 - 0.60	mg/dL
TOTAL PROTEIN METHOD : SPECTROPHOTOMETRY	7.3		6.4 - 8.3	g/dL
ALBUMIN	4.8		3.70 - 4.94	g/dL









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DRAWN :	RECEIVED : 10/09/2022 08:59		REPORTED : 12/09/20)22 13:44
REFERRING DOCTOR : SELF			CLIENT PATIENT II):
Test Report Status <u>Final</u>	Results		Biological Reference	Interval Units
ELECTROLYTES (NA/K/CL), SER	UM			
SODIUM	144		136 - 145	mmol/L
METHOD : SPECTROPHOTOMETRY				
POTASSIUM	5.72	High	3.3 - 5.1	mmol/L
METHOD : SPECTROPHOTOMETRY				
CHLORIDE	102		98 - 106	mmol/L
METHOD : SPECTROPHOTOMETRY				
THYROID PANEL, SERUM				
Т3	137.9		80.00 - 200.00	ng/dL
METHOD : ELECTROCHEMILUMINESCENCE				
T4	7.65		5.10 - 14.10	µg/dL
METHOD : ELECTROCHEMILUMINESCENCE	2 200		0.070 4.000	.
TSH 3RD GENERATION	3.200		0.270 - 4.200	µIU/mL
PAPANICOLAOU SMEAR				
TEST METHOD	SAMPLE NOT RECE	EIVED		
STOOL: OVA & PARASITE				
COLOUR	SAMPLE NOT RECE	EIVED		
METHOD : MANUAL				
ABO GROUP & RH TYPE, EDTA W				
ABO GROUP	TYPE B			
METHOD : MANUAL				
RH TYPE	POSITIVE			
METHOD : MANUAL XRAY-CHEST				
	BOTH THE LUNG F			
»»		-		
»»			AND CARIOPHRENIC AN	GELS ARE CLEAR
»»		BOTH THE HILA ARE NORMAL		
»»			DOWS APPEAR NORMAL	
»»			DIAPHRAM ARE NORMAL	
»»	VISUALIZED BON	VISUALIZED BONY THORAX IS NORMAL		
IMPRESSION	NORMAL			
TMT OR ECHO				
TMT OR ECHO	NEGATIVE			



ECG







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Test Report Status **Final** Results **Biological Reference Interval** Units ECG WITHIN NORMAL LIMITS **MEDICAL HISTORY** RELEVANT PRESENT HISTORY BACKPAIN. RELEVANT PAST HISTORY NOT SIGNIFICANT RELEVANT PERSONAL HISTORY MARRIED,01 CHILD, EGG. MENSTRUAL HISTORY (FOR FEMALES) NOT SIGNIFICANT LMP (FOR FEMALES) 08/09/2022 **OBSTETRIC HISTORY (FOR FEMALES)** P1A1L1- LSCS. LCB (FOR FEMALES) 14 MONTHS. RELEVANT FAMILY HISTORY NOT SIGNIFICANT OCCUPATIONAL HISTORY MIS BACKEND OPS HISTORY OF MEDICATIONS NOT SIGNIFICANT **ANTHROPOMETRIC DATA & BMI** HEIGHT IN METERS 1.55 mts WEIGHT IN KGS. 58.25 Kgs BMI BMI & Weight Status as follows: kg/sqmts 24 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 STATUS HEALTHY **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

NORMAL



BREAST (FOR FEMALES)







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NORMAL











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PATIENT NAME : KHUSHBOO GUPTA		PATIENT ID : KHUSF30068962

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. MICROSCOPIC EXAMINATION, URINE-

Routine urine analysis assists in screening and diagnosis of various metabolic, urological, kidney and liver disorders

Protein: Elevated proteins can be an early sign of kidney disease. Urinary protein excretion can also be temporarily elevated by strenuous exercise, orthostatic proteinuria, dehydration, urinary tract infections and acute illness with fever

Glucose: Uncontrolled diabetes mellitus can lead to presence of glucose in urine. Other causes include pregnancy, hormonal disturbances, liver disease and certain medications.

Ketones: Uncontrolled diabetes mellitus can lead to presence of ketones in urine. Ketones can also be seen in starvation, frequent vomiting, pregnancy and strenuous exercise.

Blood: Occult blood can occur in urine as intact erythrocytes or haemoglobin, which can occur in various urological, nephrological and bleeding disorders.

Leukocytes: An increase in leukocytes is an indication of inflammation in urinary tract or kidneys. Most common cause is bacterial urinary tract infection. Nitrite: Many bacteria give positive results when their number is high. Nitrite concentration during infection increases with length of time the urine specimen is retained in

bladder prior to collection.

pH: The kidneys play an important role in maintaining acid base balance of the body. Conditions of the body producing acidosis/ alkalosis or ingestion of certain type of food can affect the pH of urine.

Specific gravity: Specific gravity gives an indication of how concentrated the urine is. Increased specific gravity is seen in conditions like dehydration, glycosuria and proteinuria while decreased specific gravity is seen in excessive fluid intake, renal failure and diabetes insipidus.

Bilirubin: In certain liver diseases such as biliary obstruction or hepatitis, bilirubin gets excreted in urine

Urobilinogen: Positive results are seen in liver diseases like hepatitis and cirrhosis and in cases of hemolytic anemia

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 poikilocytosis, spherocytosis or sickle cells.

Reference :

1. Nathan and Oski's Haematology of Infancy and Childhood, 5th edition

Paediatric reference intervals. AACC Press, 7th edition. Edited by S. Soldin
 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 glycated 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 glycated 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 glycated 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. 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.



Scan to View Details







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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, (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is elevated more than unconjugated (indirect) bilirubin is 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, Sarcolosis 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

STADH.

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:

 Mvasthenia Gravis Muscular dystrophy URIC ACID, SERUM-Causes of Increased levels DietaryHigh Protein Intake. Prolonged Fasting, Rapid weight loss Gout Lesch nyhan syndrome. Type 2 DM. Metabolic syndrome Causes of decreased levels

 Low Zinc Intake OCP's

Multiple Sclerosis



Scan to View Details







CLIENT'S NAME AND ADDRESS :

DIAGNOSTIC REPORT

ACROFEMI HEALINCARE LID (MED	IWHEEL
F-703, LADO SARAI, MEHRAULI	
SOUTH WEST DELHI	
NEW DELHI 110030	
DELHI INDIA	
8800465156	

SRL Ltd PLOT NO.160, POCKET D-11 SECTOR 8, ROHINI

NEW DELHI, 110085 NEW DELHI, INDIA Tel : 9111591115, Fax : CIN - U74899PB1995PLC045956 Email : customercare.pitampura@srl.in

Test Report Status <u>Final</u>	Results	Biological Reference Interval Units
REFERRING DOCTOR : SELF		CLIENT PATIENT ID :
DRAWN :	RECEIVED : 10/09/2022 08:59	REPORTED : 12/09/2022 13:44
ACCESSION NO : 0062VI000337	AGE : 33 Years SEX : Female	
PATIENT NAME : KHUSHBOO GU	РТА	PATIENT ID : KHUSF30068962

Nutritional tips to manage increased Uric acid levels

Drink plenty of fluidsLimit animal proteins

High Fibre foodsVit C Intake

Antioxidant rich foods TOTAL PROTEIN, SERUM-

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.

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. ELECTROLYTES (NA/K/CL), SERUM-

Sodium levels are Increased in dehydration, cushing's syndrome, aldosteronism & decreased in Addison's disease, hypopituitarism, liver disease. Hypokalemia (low K) is common in vomiting, diarrhea, alcoholism, folic acid deficiency and primary aldosteronism. Hyperkalemia may be seen in end-stage renal failure, hemolysis, trauma, Addison's disease, metabolic acidosis, acute starvation, dehydration, and with rapid K infusion.Chloride is increased in dehydration, renal tubular acidosis (hyperchloremia metabolic acidosis), acute renal failure, metabolic acidosis associated with prolonged diarrhea and loss of sodium bicarbonate, diabetes insipidus, adrenocortical hyperfuction, salicylate intoxication and with excessive infusion of isotonic saline or extremely high dietary intake of salt. Chloride is decreased in overhydration, chronic respiratory acidosis, salt-losing nephritis, metabolic alkalosis, congestive heart failure, Addisonian crisis, certain types of metabolic acidosis, persistent gastric secretion and prolonaed vomitina,

THYROID PANEL, SERUM-

Trilodo trace, sector is a thyroid hormone. It affects 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. Thyroxine T4, Thyroxine's principal function is to stimulate the metabolism of all cells and tissues in the body. Excessive secretion of thyroxine in the body is

hyperthyroidism, and deficient secretion is called 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.

In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

Below mentioned are the guidelines for Pregnancy related reference ranges for Total T4, TSH & Total T3 Levels in TOTAL T4 TSH3G TOTAL T3 (µg/dL) Pregnancy First Trime (µIU/mL) (ng/dL)

First minester	0.0 - 12.4	0.1 - 2.5	81 - 190	
2nd Trimester	6.6 - 15.5	0.2 - 3.0	100 - 260	
3rd Trimester	6.6 - 15.5	0.3 - 3.0	100 - 260	
Below mentioned are the guidelines for age related reference ranges for T3 and T4.				
T3		T4		
(ng/dL)		(µg/dL)		
New Born: 75 - 2	260 1-3 da	ay: 8.2 - 19.9		
	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-









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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-HISTORY-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.

Conclusion on an individual's Fitness, which is commented upon mainly for Pre employment cases, is based on multi factorial findings and does not depend on any one single parameter. The final Fitness assigned to a candidate will depend on the Physician's findings and overall judgement on a case to case basis, details of the candidate's past and personal history; as well as the comprehensiveness of the diagnostic panel which has been requested for .These are then further correlated with details of the job under consideration to eventually fit the right man to the right job. Basis the above, SRL classifies a candidate's Fitness Status into one of the following categories:

Fit (As per requested panel of tests) – SRL Limited gives the individual a clean chit to join the organization, on the basis of the General Physical Examination and the specific test panel requested for.

• Fit (with medical advice) (As per requested panel of tests) - This indicates that although the candidate can be declared as FIT to join the job, minimal problems have been detected during the Pre- employment examination. Examples of conditions which could fall in this category could be cases of mild reversible medical abnormalities such as height weight disproportions, borderline raised Blood Pressure readings, mildly raised Blood sugar and Blood Lipid levels, Hematuria, etc. Most of these relate to sedentary lifestyles and come under the broad category of life style disorders. The idea is to caution an individual to bring about certain lifestyle canges as well as seek a Physician's consultation and counseling in order to bring back to normal the mildly deranged parameters. For all purposes the individual is FIT to join the job.

Iffestyles and come under the broad category of life style disorders. The idea is to caution an individual to bring about certain lifestyle changes as well as seek a Physician's consultation and counseling in order to bring back to normal the mildly deranged parameters. For all purposes the individual is FIT to join the job.
Fitness on Hold (Temporary Unfit) (As per requested panel of tests) - Candidate's reports are kept on hold when either the diagnostic tests or the physical findings reveal the presence of a medical condition which warrants further tests, counseling and/or specialist opinion, on the basis of which a candidate can either be placed into Fit, Fit (With Medical Advice), or Unfit category. Conditions which may fall into this category could be high blood pressure, abnormal ECG, heart murmurs, abnormal vision, grossly elevated blood sugars, etc.

elevated blood sugars, etc.
Unfit (As per requested panel of tests) - An unfit report by SRL Limited clearly indicates that the individual is not suitable for the respective job profile e.g. total color blindness in color related jobs.









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MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

ULTRASOUND ABDOMEN ULTRASOUND ABDOMEN ULTRASOUND WHOLE ABDOMEN

Liver is mildly enlarged in size (159mm) and shows grade I-II fatty changes. No obvious focal parenchymal lesion/biliary dilatation is seen. Hepatic veins and portal venous radicals are normal.

Gall bladder is partially distended and appears grossly normal.

Common bile duct is not dilated. Portal vein is normal in course and caliber.

Pancreas

Pancreas is normal in size, outline and echotexture. No evidence of any focal lesion or calcification is seen. Pancreatic duct is not dilated.

Spleen

Spleen is normal in size, outline and echotexture .No focal lesion/ calcification is seen.

Kidneys

Both kidneys are normal in size, outline and echotexture. Corticomedullary differentiation is well maintained. Parenchymal thickness is normal. No mass lesion, calculus or hydronephrosis is seen.

No significant retroperitoneal lymphadenopathy/ascites is seen.

Urinary Bladder

Urinary bladder is partially distended.

Uterus is anteverted, grossly normal in size, outline and echotexture. Endometrial thickness is 7mm.

No obvious adnexal mass lesion is seen.

POD is clear.

Correlate clinically

End Of Report Please visit www.srlworld.com for related Test Information for this accession









KHUSF30068962

Units

CLIENT CODE : C000138376

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REPORTED :

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ACCESSION NO : 0062VI000337 AGE : 33 Years SEX : Female

DRAWN :

RECEIVED : 10/09/2022 08:59

Results

CLIENT PATIENT ID:

Biological Reference Interval

12/09/2022 13:44

PATIENT ID:

Test Report Status <u>Final</u>

REFERRING DOCTOR : SELF

Dr.Ujjwal Saxena Consultant -DMC/REG.NO.03287

Dr. Kamlesh I Prajapati Consultant Pathologist

CONDITIONS OF LABORATORY TESTING & REPORTING

 It is presumed that the test sample belongs to the patient named or identified in the test requisition form.
 All tests are performed and reported as per the

 All tests are performed and reported as per the turnaround time stated in the SRL Directory of Services.
 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



