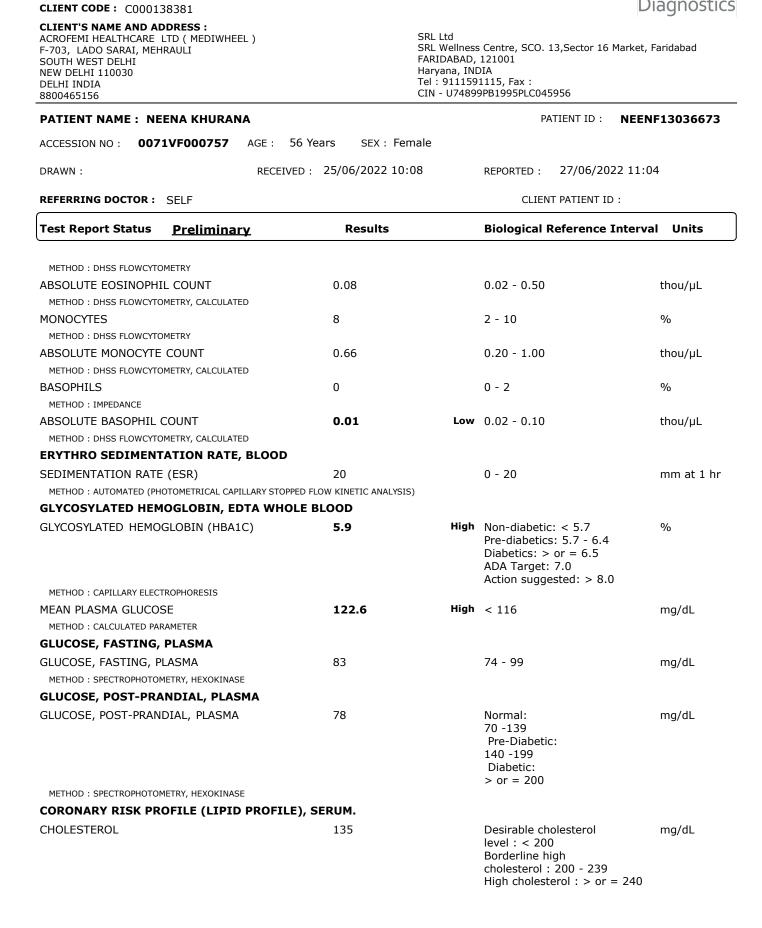




DIAGNOSTIC REPORT











DIAGNOSTIC REPORT

Patient Ref. No. 71000000301993







CLIENT CODE : C000138381

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
SRL Wellness Centre, SCO. 13, Sector 16 Market, Faridabad
FARIDABAD, 121001
Haryana, INDIA
Tel : 9111591115, Fax :
CIN - U74899PB1995PLC045956

REPORTED : 27/06/2022 11:04

PATIENT NAME : NEENA KHURANA

PATIENT ID : NEENF13036673

ACCESSION NO : 0071VF000757 AGE : 56 Years SEX : Female

DRAWN :

RECEIVED : 25/06/2022 10:08

CLIENT PATIENT ID :

REFERRING DOCTOR : SELF

Test Report Status	Preliminary	Results		Biological Reference Interv	al Units
TRIGLYCERIDES		107		Normal: < 150 Borderline high : 150 - 199 High: 200 - 499 Very High : > /= 500	mg/dL
METHOD : SPECTROPHOTO	METRY, GPO-POD METHOD				
HDL CHOLESTEROL		43		Low HDL cholesterol < 40 High HDL cholesterol > or = 60	mg/dL
METHOD : SPECTROPHOTO	METRY, HOMOGENEOUS DIRECT EN	ZYMATIC COLORIMETRIC			
DIRECT LDL CHOLEST	EROL	93.00		Adult Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: > or = 190	mg/dL
METHOD : SPECTROPHOTO	METRY, ELIMINATION / CATALASE				
NON HDL CHOLESTER	OL	92		Desirable : < 130 Above Desirable : 130 -159 Borderline High : 160 - 189 High : 190 - 219 Very high : > or = 220	mg/dL
METHOD : CALCULATED PA	RAMETER				
CHOL/HDL RATIO		3.1	Low	Low Risk : 3.3 - 4.4 Average Risk : 4.5 - 7.0 Moderate Risk : 7.1 - 11.0 High Risk : > 11.0	
METHOD : CALCULATED PA	RAMETER			5	
LDL/HDL RATIO		2.2		Desirable/Low Risk: 0.5 - 3.0 Borderline/Moderate Risk: 3.1 - 6.0 High Risk: > 6.0	
METHOD : CALCULATED PA				20	<i>,</i>
VERY LOW DENSITY L METHOD : CALCULATED PA		21.4		< or = 30	mg/dL
LIVER FUNCTION PI					
	CONTEL, SEROM	0.5		0.2 1.2	ma/dl
BILIRUBIN, TOTAL	METRY, VANADATE OXIDATION	0.5		0.2 - 1.2	mg/dL
BILIRUBIN, DIRECT		0.2		0.01 - 0.30	mg/dL
METHOD : SPECTROPHOTO	METRY, VANADATE OXIDATION				
BILIRUBIN, INDIRECT		0.30		0.1 - 1.0	mg/dL
METHOD : CALCULATED PA	RAMETER				
TOTAL PROTEIN		7.1		5.7 - 8.2	g/dL









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PATIENT NAME: NEENA KHURANA

ACCESSION NO :	0071VF000757	AGE :	56 Years	SEX : Female
DRAWN :		RECE	IVED : 25/00	5/2022 10:08

REFERRING DOCTOR : SELF

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Test Report Status	<u>Preliminary</u>	Results	Biological Reference	Interval Units
METHOD : SPECTROPHOTO	METRY, BIURET			
ALBUMIN		4.2	3.2 - 4.8	g/dL
	METRY, BROMOCRESOL GREEN(BCG	6) - DYE BINDING		
GLOBULIN		2.9	2.0 - 4.1	g/dL
METHOD : CALCULATED PAI	RAMETER			
ALBUMIN/GLOBULIN R	ATIO	1.5	1.0 - 2.1	RATIO
METHOD : CALCULATED PA	RAMETER			
ASPARTATE AMINOTRA	ANSFERASE (AST/SGOT)	19	< 34.0	U/L
METHOD : SPECTROPHOTO	METRY, MODIFIED IFCC			
ALANINE AMINOTRANS	SFERASE (ALT/SGPT)	15	10 - 49	U/L
METHOD : SPECTROPHOTO	METRY, MODIFIED IFCC			
ALKALINE PHOSPHATA	SE	93	30 - 120	U/L
METHOD : SPECTROPHOTO	METRY, IFCC STANDARDIZATION			
GAMMA GLUTAMYL TR	ANSFERASE (GGT)	22	< 38.0	U/L
METHOD : SPECTROPHOTO	METRY, MODIFIED IFCC			
LACTATE DEHYDROGE	NASE	157	120 - 446	U/L
METHOD : SPECTROPHOTO	METRY, LACTATE TO PYRUVATE /NI	COTINAMIDE ADENINE DINUCL	EOTIDE (NAD).	
SERUM BLOOD UREA	NITROGEN			
BLOOD UREA NITROG	EN	8.5	6 - 20	mg/dL
METHOD : SPECTROPHOTO	METRY, UREASE WITH GLDH			
CREATININE, SERUM	1			
CREATININE		0.68	0.60 - 1.10	mg/dL
METHOD : JAFFE, ALKALINE	PICRATE, KINETIC WITH BLANK R	ATE CORRECTION		
BUN/CREAT RATIO				
BUN/CREAT RATIO		12.50	10 - 20	
METHOD : CALCULATED PA	RAMETER			
URIC ACID, SERUM				
URIC ACID		4.6	3.1 - 7.8	mg/dL
METHOD : SPECTROPHOTO	METRY, URICASE/PEROXIDASE			5,
TOTAL PROTEIN, SE				
TOTAL PROTEIN		7.1	5.7 - 8.2	g/dL
METHOD : SPECTROPHOTOI	METRY, BIURET			J,
ALBUMIN, SERUM				
ALBUMIN		4.2	3.2 - 4.8	g/dL
	METRY, BROMOCRESOL GREEN(BCG		0.2	5, 42
GLOBULIN	,	, –		
GLOBULIN		2.9	2.0 - 4.1	g/dL
	DAMETED	2.7	2.0 1.1	9,02

METHOD : CALCULATED PARAMETER





DIAGNOSTIC RE		5. 71000000301993		SRL
CLIENT CODE: C0001	38381			Diagnostics
CLIENT'S NAME AND AN ACROFEMI HEALTHCARE F-703, LADO SARAI, MEH SOUTH WEST DELHI NEW DELHI 110030 DELHI INDIA 8800465156	LTD (MEDIWHEEL)	SI FA Hi Te	RL Ltd RL Wellness Centre, SCO. 13,Sector 16 M ARIDABAD, 121001 aryana, INDIA el : 9111591115, Fax : IN - U74899PB1995PLC045956	Market, Faridabad
PATIENT NAME : NE	EENA KHURANA		PATIENT ID :	NEENF13036673
ACCESSION NO : 007	1VF000757 AGE: 56	Years SEX : Femal	e	
DRAWN :	RECEIVED	: 25/06/2022 10:08	REPORTED : 27/06/202	22 11:04
REFERRING DOCTOR :	SELF		CLIENT PATIENT ID	:
Test Report Status	<u>Preliminary</u>	Results	Biological Reference I	nterval Units
ELECTROLYTES (NA)	/K/CL), SERUM			
SODIUM		138	136 - 145	mmol/L
METHOD : INDIRECT INTEG	GRATED MULTISENSOR TECHNOLOGY	′(IMT).		
POTASSIUM		4.1	3.5 - 5.1	mmol/L
	GRATED MULTISENSOR TECHNOLOGY		00 107	. //
CHLORIDE	TION URINE	105	98 - 107	mmol/L
	TION, URINE			
COLOR		PALE YELLOW		
APPEARANCE		CLEAR	1 000 1 005	
SPECIFIC GRAVITY		<=1.005	1.003 - 1.035	
Comments				
URINARY SEDIMENT.	AMINATION OF URINE IS PERFO LES CAST AND CRYSTALS ARE I ATION, 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	
NITRITE		NOT DETECTED	NOT DETECTED	
MICROSCOPIC EXAM	INATION, 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	
METHOD : DIP STICK/MICR	O SCOPY/REFLECTANCE SPECTROPH	OTOMETRY		
THYROID PANEL, SE	RUM			
Т3		116.4	60 - 181	ng/dL
METHOD : CHEMILUMINESC	CENCE	C 00		
T4		6.00	4.50 - 10.90	µg/dL











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REPORTED :

PATIENT ID :

CLIENT PATIENT ID :

27/06/2022 11:04

PATIENT NAME : NEENA KHURANA

ACCESSION NO : 0071VF000757 AGE : 56 Years SEX : Female DRAWN :

RECEIVED : 25/06/2022 10:08

REFERRING DOCTOR : SELF

Test Report Status	<u>Preliminary</u>	Results	Biological Reference	Interval Units
METHOD : CHEMILUMINESC				
TSH 3RD GENERATION		5.057	High 0.550 - 4.780	µIU/mL
METHOD : CHEMILUMINESC				
PAPANICOLAOU SME	EAR	RESULT PENDI		
LETTER	~~~~	RESULT PENDI	NG	
STOOL: OVA & PARA	SITE			
REMARK		SAMPLE NOT RE	CEIVED	
	(PE, EDTA WHOLE BLOO			
ABO GROUP		В		
RH TYPE		RH+		
XRAY-CHEST				
»»			FIELDS ARE CLEAR	
»»			OPHRENIC AND CARIOPHRENIC AN	IGELS ARE CLEAR
»»		BOTH THE HILA		
» »			ORTIC SHADOWS APPEAR NORMAL	
» »		BOTH THE DOME	ES OF THE DIAPHRAM ARE NORMAL	-
»»		VISUALIZED BO	NY THORAX IS NORMAL	
IMPRESSION		NO ABNORMALI	TY DETECTED	
TMT OR ECHO				
TMT OR ECHO		REPORT ENCLOS	ED	
ECG				
ECG		WITHIN NORMAI	LIMITS	
MEDICAL HISTORY				
RELEVANT PRESENT H	ISTORY	NOT SIGNIFICAN	NT	
RELEVANT PAST HISTO	ORY	NOT SIGNIFICAN	NT	
RELEVANT PERSONAL	HISTORY	MARRIED, 2 CHI VEGETERIAN	LDERNS.	
MENSTRUAL HISTORY	(FOR FEMALES)	MENOPAUSE		
LMP (FOR FEMALES)		5 YEARS BACK.		
OBSTETRIC HISTORY ((FOR FEMALES)	G2P2		
LCB (FOR FEMALES)		14.01.1992		
RELEVANT FAMILY HIS	STORY	NOT SIGNIFICAN	лт	
OCCUPATIONAL HISTO	DRY	B.SC/B.ED		
HISTORY OF MEDICAT	IONS	NOT SIGNIFICAN	лт	
ANTHROPOMETRIC I	DATA & BMI			











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27/06/2022 11:04

PATIENT NAME : NEENA KHURANA

ACCESSION NO : **0071VF000757** AGE : 56 Years SEX : Female DRAWN : RECEIVED : 25/06/2022 10:08

REFERRING DOCTOR : SELF

Test Report Status	<u>Preliminary</u>	Results	Biological Reference Interva	l Units
HEIGHT IN METERS		1.60		mts
WEIGHT IN KGS.		60		Kgs
ВМІ		23	BMI & Weight Status as follows Below 18.5: Underweight 18.5 - 24.9: Normal 25.0 - 29.9: Overweight 30.0 and Above: Obese	: kg/sqmts
GENERAL EXAMINAT	ION			
MENTAL / EMOTIONAL	STATE	NORMAL		
PHYSICAL ATTITUDE		NORMAL		
GENERAL APPEARANCE	/ NUTRITIONAL STATUS	HEALTHY		
BUILT / SKELETAL FRA	MEWORK	AVERAGE		
FACIAL APPEARANCE		NORMAL		
SKIN		NORMAL		
UPPER LIMB		NORMAL		
LOWER LIMB		NORMAL		
NECK		NORMAL		
NECK LYMPHATICS / S	ALIVARY GLANDS	NOT ENLARGED OR TEND	ER	
THYROID GLAND		NOT ENLARGED		
CAROTID PULSATION		NORMAL		
BREAST (FOR FEMALES	5)	NORMAL		
TEMPERATURE		NORMAL		
PULSE		69 MIN/REGULAR, ALL PE	RIPHERAL PULSES WELL FELT	
RESPIRATORY RATE		NORMAL		
CARDIOVASCULAR S	YSTEM			
BP		103/65 MM HG (SITTING)		mm/Hg
PERICARDIUM		NORMAL		
APEX BEAT			,	
HEART SOUNDS		S1, S2 HEARD NORMALLY		
MURMURS		ABSENT		
RESPIRATORY SYST		NORMAL		
SIZE AND SHAPE OF C		NORMAL		
MOVEMENTS OF CHES		SYMMETRICAL		
BREATH SOUNDS INTE				
BREATH SOUNDS QUA	LIIY	VESICULAR (NORMAL)		











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27/06/2022 11:04

PATIENT NAME : NEENA KHURANA

ACCESSION NO : **0071VF000757** AGE : 56 Years SEX : Female DRAWN : RECEIVED : 25/06/2022 10:08

REFERRING DOCTOR : SELF

Test Report Status <u>Preliminary</u>	Results	Biological Reference Interval	Units
ADDED SOUNDS	ABSENT		
PER ABDOMEN			
APPEARANCE	NORMAL		
VENOUS PROMINENCE	ABSENT		
LIVER	NOT PALPABLE		
SPLEEN	NOT PALPABLE		
HERNIA	NORMAL		
CENTRAL NERVOUS SYSTEM			
HIGHER FUNCTIONS	NORMAL		
CRANIAL NERVES	NORMAL		
CEREBELLAR FUNCTIONS	NORMAL		
SENSORY SYSTEM	NORMAL		
MOTOR SYSTEM	NORMAL		
REFLEXES	NORMAL		
MUSCULOSKELETAL SYSTEM			
SPINE	NORMAL		
JOINTS	NORMAL		
BASIC EYE EXAMINATION			
CONJUNCTIVA	NORMAL		
EYELIDS	NORMAL		
EYE MOVEMENTS	NORMAL		
CORNEA	NORMAL		
BASIC ENT EXAMINATION			
EXTERNAL EAR CANAL	NORMAL		
TYMPANIC MEMBRANE	NORMAL		
NOSE	NO ABNORMALITY DETECT	ED	
SINUSES	CLEAR		
THROAT	NO ABNORMALITY DETECT	ED	
TONSILS	NOT ENLARGED		
SUMMARY			
RELEVANT HISTORY	NOT SIGNIFICANT		
RELEVANT GP EXAMINATION FINDINGS	NOT SIGNIFICANT		
RELEVANT NON PATHOLOGY DIAGNOSTICS	NO ABNORMALITIES DETEC	CTED	
FITNESS STATUS			



Scan to View Details







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Test Demont Status	D	Deculto	Dialogical Deferrence	- Tutowel Unite
REFERRING DOCTOR :	SELF		CLIENT PATIENT	- ID :
DRAWN :		RECEIVED : 25/06/2022 10:08	REPORTED : 27/06/	2022 11:04
ACCESSION NO : 0071	VF000757	AGE : 56 Years SEX : Female		
PATIENT NAME : NEENA KHURANA			PATIENT ID	EENF13036673

est Report Status **Preliminary** Results Biological Reference Interval Units

FITNESS STATUS

FIT (AS PER REQUESTED PANEL OF TESTS)

Comments

OUR PANEL OF DOCTORS. GENERAL PHYSICIAN - DR. MUKUL GOSWAMI CONSULTANT RADIOLOGIST - DR. D.R. CHUGH CONSULTANT CARDIOLOGIST : DR. D.R. CHUGH CONSULTANT GYNAECOLOGIST : DR. KAVITA

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

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 - 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 tends 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 poikilocytosis, spherocytosis or sickle cells.

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, 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

 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

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









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REFERRING DOCTOR :	SELF		CLIENT PATIENT ID :
DRAWN :		RECEIVED : 25/06/2022 10:08	REPORTED : 27/06/2022 11:04
ACCESSION NO : 007	1VF000757	AGE : 56 Years SEX : Female	
PATIENT NAME : NE	EENA KHURANA		PATIENT ID : NEENF13036673

CDLIEd

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, FASTING, PLASMA-

ADA 2021 guidelines for adults, after 8 hrs fasting is as follows: Pre-diabetics: 100 - 125 mg/dL

 $G_{\rm L} = 100 \, {\rm mg/dL}$ 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

CORONARY RISK PROFILE (LIPID PROFILE), SERUM-Serum cholesterol is a blood test that can provide valuable information for the risk of coronary artery disease This test can help determine your risk of the build up of plaques in your arteries that can lead to narrowed or blocked arteries throughout your body (atherosclerosis). High cholesterol levels usually don't cause any signs or symptoms, so a cholesterol test is an important tool. High cholesterol levels often are a significant risk factor for heart disease and important for diagnosis of hyperlipoproteinemia, atherosclerosis, hepatic and thyroid diseases.

Serum Triglyceride are a type of fat in the blood. When you eat, your body converts any calories it doesn't need into triglycerides, which are stored in fat cells. High triglyceride levels are associated with several factors, including being overweight, eating too many sweets or drinking too much alcohol, smoking, being sedentary, or having diabetes with elevated blood sugar levels. Analysis has proven useful in the diagnosis and treatment of patients with diabetes mellitus, nephrosis, liver obstruction, other diseases involving lipid metabolism, and various endocrine disorders. In conjunction with high density lipoprotein and total serum cholesterol, a triglyceride determination provides valuable information for the assessment of coronary heart disease risk. It is done in fasting state.

High-density lipoprotein (HDL) cholesterol. This is sometimes called the ""good" cholesterol because it helps carry away LDL cholesterol, thus keeping arteries open and blood flowing more freely.HDL cholesterol is inversely related to the risk for cardiovascular disease. It increases following regular exercise, moderate alcohol consumption and with oral estrogen therapy. Decreased levels are associated with obesity, stress, cigarette smoking and diabetes mellitus.

SERUM LDL The small dense LDL test can be used to determine cardiovascular risk in individuals with metabolic syndrome or established/progressing coronary artery disease, individuals with triglyceride levels between 70 and 140 mg/dL, as well as individuals with a diet high in trans-fat or carbohydrates. Elevated sdLDL levels are associated with metabolic syndrome and an 'atherogenic lipoprotein profile', and are a strong, independent predictor of cardiovascular disease. Elevated levels of LDL arise from multiple sources. A major factor is sedentary lifestyle with a diet high in saturated fat. Insulin-resistance and pre-diabetes have also been implicated, as has genetic predisposition. Measurement of sdLDL allows the clinician to get a more comprehensive picture of lipid risk factors and tailor treatment accordingly. Reducing LDL levels will reduce the risk of CVD and MI.

Non HDL Cholesterol - Adult treatment panel ATP III suggested the addition of Non-HDL Cholesterol as an indicator of all atherogenic lipoproteins (mainly LDL and VLDL). NICE guidelines recommend Non-HDL Cholesterol measurement before initiating lipid lowering therapy. It has also been shown to be a better marker of risk in both primary and secondary prevention studies.

Recommendations:

Results of Lipids should always be interpreted in conjunction with the patient's medical history, clinical presentation and other findings.

NON FASTING LIPID PROFILE includes Total Cholesterol, HDL Cholesterol and calculated non-HDL Cholesterol. It does not include triglycerides and may be best used in patients for whom fasting is difficult.

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





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CLIENT CODE : C00013	38381			C	Diagnostics	
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SOUTH WEST DELHI STORE EID (THEDIWITEE) S SOUTH WEST DELHI F NEW DELHI 110030 H DELHI INDIA T			SRL Ltd SRL Wellness Centre, SCO. 13,Sector 16 Market, Faridabad FARIDABAD, 121001 Haryana, INDIA Tel : 9111591115, Fax : CIN - U74899PB1995PLC045956			
PATIENT NAME : NE	ENA KHURANA		Р	ATIENT ID : NEE	NF13036673	
ACCESSION NO : 007	1VF000757 AGE :	56 Years SEX : Fem	nale			
DRAWN :	RECEI	VED: 25/06/2022 10:0	08 REPORTED :	27/06/2022 11:	04	
REFERRING DOCTOR :	SELF		CLIE	NT PATIENT ID :		
Test Report Status	Preliminary	Results	Biological	Reference Interv	al Units	
Renal Failure Post Renal Malignancy, Nephrolithiasis, Causes of decreased levels Liver disease SIADH. CREATININE, SERUM- Higher than normal level may I Blockage in the urinary tract Kidney problems, such as kid Loss of body fluid (dehydrati Muscle problems, such as bre Problems during pregnancy, s Lower than normal level may b 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 LowZinc Intake OCP's Multiple Sclerosis Nutritional tips to manage incre	Prostatism be due to: dney damage or failure, infectio on) eakdown of muscle fibers such as seizures (eclampsia)), be due to:	rrhage, Cortisol, Dehydration,				
 Drink plenty of fluids 	eased ofic acid levels					

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- Limit animal proteins
- High Fibre foods
- Vit 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.

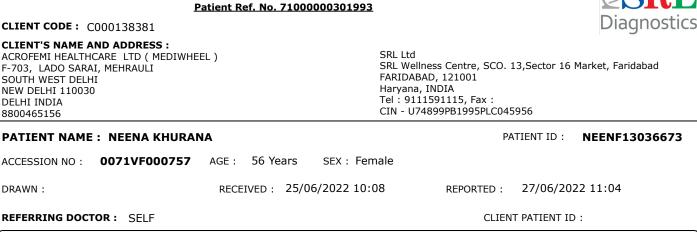
ELECTROLYTES (NA/K/CL), SERUM-Sodium levels are Increased in dehydration, cushing's syndrome, aldosteronism & decreased in Addison's disease, hypopituitarism,liver disease. Hypokalemia (low K) is common in vomiting, diarrhea, alcoholism, folic acid deficiency and primary aldosteronism. Hyperkalemia may 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 prolonged vomiting, 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







Test Report Status Results **Biological Reference Interval** Units **Preliminary**

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

THYROID PANEL, SERUM-

DIAGNOSTIC REPORT

Trilodo thyronine T3, 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 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
Pregnancy	(µg/dL)	(µIU/mL)	(ng/dL)
First Trimester	6.6 - 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.

Т3 **T**4 (µg/dL) 1-3 day: 8.2 - 19.9 (ng/dL) New Born: 75 - 260 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:

1. 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 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.

FITNESS STATUS-

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





	ntient Ref. No. 71000000301993		CSKL
CLIENT CODE : C000138381			Diagnostics
CLIENT'S NAME AND ADDRESS : ACROFEMI HEALTHCARE LTD (MEDIWHEE F-703, LADO SARAI, MEHRAULI SOUTH WEST DELHI NEW DELHI 110030 DELHI INDIA 8800465156	L)	SRL Ltd SRL Wellness Centre, SCO. 13,Sector 16 Mark FARIDABAD, 121001 Haryana, INDIA Tel : 9111591115, Fax : CIN - U74899PB1995PLC045956	et, Faridabad
PATIENT NAME : NEENA KHURAN	Α	PATIENT ID : NE	ENF13036673
ACCESSION NO : 0071VF000757	AGE : 56 Years SEX : Fem	ale	
DRAWN :	RECEIVED : 25/06/2022 10:0	REPORTED : 27/06/2022 1	1:04
REFERRING DOCTOR : SELF		CLIENT PATIENT ID :	

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.

Preliminary

DIAGNOSTIC REPORT

Test Report Status

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.

Results

become cost path 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 changes as well as seek a Physician's

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.

• 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.





Biological Reference Interval Units

P	atient Ref. No. 71000000301993	1		<u>ESKL</u>
CLIENT CODE: C000138381				Diagnostics
CLIENT'S NAME AND ADDRESS : ACROFEMI HEALTHCARE LTD (MEDIWHE F-703, LADO SARAI, MEHRAULI SOUTH WEST DELHI NEW DELHI 110030 DELHI INDIA 8800465156	EL)	SRL Ltd SRL Wellness Centre, SCO. FARIDABAD, 121001 Haryana, INDIA Tel : 9111591115, Fax : CIN - U74899PB1995PLCO4		Market, Faridabad
PATIENT NAME : NEENA KHURAN	A	P/	ATIENT ID :	NEENF13036673
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DRAWN :	RECEIVED : 25/06/2022 10:	08 REPORTED :	27/06/202	22 11:04
REFERRING DOCTOR : SELF		CLIEN	T PATIENT ID	:
Test Report Status <u>Prelimina</u>	ry Results			Units

MEDI WHEEL FULL BODY HEALTH CHECKUP ABOVE 40FEMALE

ULTRASOUND ABDOMEN ULTRASOUND ABDOMEN REPORT ENCLOSED

DIAGNOSTIC REPORT

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

Dr. Arpita Roy, MD Section Head-Hematology



Dr. Mamta Kumari, MBBS,MD Consultant Microbiologist



Dr. Chandan Hazarika Microbiologist



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 turnaround time stated in the SRL Directory of services (DOS).

3. SRL confirms that all tests have been performed or assayed with highest quality standards, clinical safety & technical integrity.

4. A requested test might not be performed if:

a. Specimen received is insufficient or inappropriate specimen quality is unsatisfactory

b. Incorrect specimen type

c. Request for testing is withdrawn by the ordering doctor or patient

d. There is a discrepancy between the label on the specimen container and the name on the test requisition form

 The results of a laboratory test are dependent on the quality of the sample as well as the assay technology.
 Result delays could be because of uncontrolled circumstances. e.g. assay run failure.

7. Tests parameters marked by asterisks are excluded from the "scope" of NABL accredited tests. (If laboratory is accredited).

8. Laboratory results should be correlated with clinical information to determine Final diagnosis.

9. Test results are not valid for Medico- legal purposes. 10. In case of queries or unexpected test results please call at SRL customer care (Toll free: 1800-222-000). Post proper investigation repeat analysis may be carried out.

SRL Limited Fortis Hospital, Sector 62, Phase VIII, Mohali 160062



