

PATIENT NAME : AFRINBANU MUSHIRHUSAIN N	ALEK REF. DOCTOR :	SELF
	ACCESSION NO : <b>0321WC000862</b> PATIENT ID : AFRIF230390321	AGE/SEX : 32 Years Female
F-703, LADO SARAI, MEHRAULISOUTH WEST	CLIENT PATIENT ID:	RECEIVED : 14/03/2023 09:29:50
NEW DELHI 110030 8800465156	ABHA NO :	REPORTED :15/03/2023 12:59:16
8800403130		
Test Report Status <u>Preliminary</u>	Results Biological	Reference Interval Units

# MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE **XRAY-CHEST**

XRAY-CHEST		
IMPRESSION	PROMINENT BRONCHO	VASCULAR MARKINGS NOTED
TMT OR ECHO		
TMT OR ECHO	TMT:- NORMAL	
ECG		
ECG	NORMAL SINUS RHYTHM	1
MEDICAL HISTORY		
RELEVANT PRESENT HISTORY	K/C/O HYPERTHYROIDIS	SM ON TREATMENT SINCE 2015
RELEVANT PAST HISTORY	P/H/O 2 C - SECTION IN	I 2015 AND 2022
RELEVANT PERSONAL HISTORY	NOT SIGNIFICANT	
MENSTRUAL HISTORY (FOR FEMALES)	REGULAR	
LMP (FOR FEMALES)	28/02/2023	
OBSTETRIC HISTORY (FOR FEMALES)	G2,P2,A0,L2	
LCB (FOR FEMALES)	16/05/2022	
RELEVANT FAMILY HISTORY	NOT SIGNIFICANT	
OCCUPATIONAL HISTORY	NOT SIGNIFICANT	
HISTORY OF MEDICATIONS	NOT SIGNIFICANT	
ANTHROPOMETRIC DATA & BMI		
HEIGHT IN METERS	1.57	mts
WEIGHT IN KGS.	72.7	Kgs
BMI	29	BMI & Weight Status as followg/sqmts Below 18.5: Underweight 18.5 - 24.9: Normal 25.0 - 29.9: Overweight
GENERAL EXAMINATION		30.0 and Above: Obese

MENTAL / EMOTIONAL STATE PHYSICAL ATTITUDE **GENERAL APPEARANCE / NUTRITIONAL** STATUS **BUILT / SKELETAL FRAMEWORK** FACIAL APPEARANCE SKIN

NORMAL NORMAL OVERWEIGHT AVERAGE NORMAL NORMAL

P. V. Kapadia

**Dr.Priyank Kapadia** Physician









PATIENT NAME : AFRINBANU MUSHIRHUSAIN MALEK REF. DOCTOR : SELF				
CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 0321WC000862	AGE/SEX : 32 Years Female		
ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )	PATIENT ID : AFRIF230390321	DRAWN :		
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	CLIENT PATIENT ID:	RECEIVED : 14/03/2023 09:29:50		
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Test Report Status <u>Preliminary</u>	Results Biologica			
UPPER LIMB	NORMAL			
LOWER LIMB	NORMAL			
NECK	NORMAL			
NECK LYMPHATICS / SALIVARY GLANDS	NOT ENLARGED OR TENDER			
THYROID GLAND	NOT ENLARGED			
TEMPERATURE	NORMAL			
PULSE	68/MIN			
RESPIRATORY RATE	NORMAL			
CARDIOVASCULAR SYSTEM				
BP	130/84 MM HG	mm/Hg		
	(SITTING)			
PERICARDIUM	NORMAL			
APEX BEAT	NORMAL			
HEART SOUNDS	S1, S2 HEARD NORMALLY			
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			
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				

P. V. Kapadia

Dr.Priyank Kapadia Physician







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CODE/NAME & ADDRESS	C000138364	ACCESSION NO : 0321	NC000862	AGE/SEX	:32 Years	Female
ACROFEMI HEALTHCARE	LTD ( MEDIWHEEL )	PATIENT ID : AFRIE	230390321	DRAWN	:	
F-703, LADO SARAI, MEH DELHI	RAULISOUTH WEST	CLIENT PATIENT ID:		RECEIVED	: 14/03/202	23 09:29:50
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CDINE		NORMAL				
SPINE						
JOINTS		NORMAL				
BASIC EYE EXAMINATI	ON					
DISTANT VISION RIGH	IT EYE WITHOUT	WITHIN NORMAL LIMI	Т			
DISTANT VISION LEFT GLASSES	EYE WITHOUT	WITHIN NORMAL LIMI	Т			
NEAR VISION RIGHT E	YE WITHOUT GLASSES	WITHIN NORMAL LIMI	т			
NEAR VISION LEFT EYE	E WITHOUT GLASSES	WITHIN NORMAL LIMI	т			
COLOUR VISION		NORMAL				
SUMMARY						
RELEVANT HISTORY		K/C/O HYPERTHYROID	ISM ON TREATME	ENT SINCE 2	2015	

SUMMARY	
RELEVANT HISTORY	K/C/O HYPERTHYROIDISM ON TREATMENT SINCE 2015
RELEVANT GP EXAMINATION FINDINGS	NOT SIGNIFICANT
RELEVANT LAB INVESTIGATIONS	WITHIN NORMAL LIMITS
RELEVANT NON PATHOLOGY DIAGNOSTICS	CHEST X-RAY:- PROMINENT BRONCHO VASCULAR MARKINGS NOTED
REMARKS / RECOMMENDATIONS	NONE
	RELEVANT HISTORY RELEVANT GP EXAMINATION FINDINGS RELEVANT LAB INVESTIGATIONS RELEVANT NON PATHOLOGY DIAGNOSTICS

# Comments

OUR PANEL DOCTORS FOR NON-PATHOLOGY TESTS:-

CHECK UP DONE BY:- DR. NAMRATA AGRAWAL (M.B.B.S)

REPORT REVIEWED BY:- DR. PRIYANK KAPADIYA (M.B.B.S DNB MEDICINE)

RADIOLOGIST:- DR. KALPANA MODI (M.D.RADIOLOGY) // DR. SAHIL N SHAH (M.D.RADIOLOGY)

P. V. Kapadia

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ACROFEMI HEALTHCARE LTD ( MEDIWHEEL ) F-703. LADO SARAI. MEHRAULISOUTH WEST	ACCESSION NO : <b>0321WC000862</b> PATIENT ID : AFRIF230390321 CLIENT PATIENT ID: ABHA NO :	AGE/SEX :32 Years Female DRAWN : RECEIVED :14/03/2023 09:29:50 REPORTED :15/03/2023 12:59:16
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### MEDI WHEEL FULL BODY HEALTH CHECKUP BELOWR BOUTEMADLED ING **ULTRASOUND ABDOMEN RESULT PENDING**

Interpretation(s) MEDICAL 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.

P. V. Kapadia

**Dr.Priyank Kapadia** Physician

**PERFORMED AT :** SRL LTD GRAND MALL, OPPOSITE SBI ZONAL OFFICE, SM ROAD, AMBAWADI, AHMEDABAD, 380015 GUJRAT, INDIA Tel: 079-48912999,079-48913999,079-48914999 Email : customercare.ahmedabad@srl.in

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**Preliminary** 



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н	AEMATOLOGY - CBC		
MEDI WHEEL FULL BODY HEALTH CHECKUP BE	LOW 40FEMALE		
BLOOD COUNTS,EDTA WHOLE BLOOD			
HEMOGLOBIN (HB)	12.0	12.0 - 15.0	g/dL
RED BLOOD CELL (RBC) COUNT	5.04 High	3.8 - 4.8	mil/µL
WHITE BLOOD CELL (WBC) COUNT	7.59	4.0 - 10.0	thou/µL
PLATELET COUNT	322	150 - 410	thou/µL
RBC AND PLATELET INDICES			
HEMATOCRIT (PCV)	37.7	36.0 - 46.0	%
MEAN CORPUSCULAR VOLUME (MCV)	74.9 Low	83.0 - 101.0	fL
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	23.9 Low	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC)	31.9	31.5 - 34.5	g/dL
RED CELL DISTRIBUTION WIDTH (RDW)	16.2 High	11.6 - 14.0	%
MENTZER INDEX	14.9		
MEAN PLATELET VOLUME (MPV)	9.2	6.8 - 10.9	fL
WBC DIFFERENTIAL COUNT			
NEUTROPHILS	62	40 - 80	%
LYMPHOCYTES	29	20 - 40	%
MONOCYTES	6	2.0 - 10.0	%
EOSINOPHILS	3	1.0 - 6.0	%
BASOPHILS	0	0 - 1	%
ABSOLUTE NEUTROPHIL COUNT	4.71	2.0 - 7.0	thou/µL
ABSOLUTE LYMPHOCYTE COUNT	2.20	1.0 - 3.0	thou/µL
ABSOLUTE MONOCYTE COUNT	0.46	0.2 - 1.0	thou/µL
ABSOLUTE EOSINOPHIL COUNT	0.23	0.02 - 0.50	thou/µL
ABSOLUTE BASOPHIL COUNT	0.00 Low	0.02 - 0.10	thou/µL
NEUTROPHIL LYMPHOCYTE RATIO (NLR)	2.1		

# MORPHOLOGY

RBC WBC

PLATELETS

MILD MICROCYTIC HYPOCHROMIC, ANISOCYTOSIS PRESENT(+). NORMAL MORPHOLOGY ADEQUATE

**Dr.Miral Gajera Consultant Pathologist** 





Vie<u>w</u> Details





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Test Report Status Preliminary	Results Biological	Reference Interval Units

REMARKS

NO PREMATURE CELLS ARE SEEN. MALARIAL PARASITE NOT DETECTED.

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 MCL. A direct smear is recommended for an accurate differential count and for examination of RBC morphology. RBC AND PLATELET INDICES-Mentzer index (MCV/RBC) is an automated cell-counter based calculated screen tool to differentiate cases of Iron deficiency anaemia(>13) from Beta thalassaemia trait

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

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

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.

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PATIENT NAME : AFRINBANU MUSHIRHUSAIN	MALEK REF. DOCTOR	: SELF
CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 0321WC000862	AGE/SEX : 32 Years Female
ACROFEMI HEALTHCARE LTD ( MEDIWHEEL ) F-703, LADO SARAI, MEHRAULISOUTH WEST	PATIENT ID : AFRIF230390321	DRAWN :
DELHI	CLIENT PATIENT ID:	RECEIVED : 14/03/2023 09:29:50
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( F	IAEMATOLOGY		
MEDI WHEEL FULL BODY HEALTH CHECKUP BELC	DW 40FEMALE		
ERYTHROCYTE SEDIMENTATION RATE (ESR),WH BLOOD	OLE		
E.S.R	29 High	0 - 20	mm at 1 hr

### Interpretation(s)

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

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

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

Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias,

Disseminated malignancies, connective tissue disease, severe infections such as bacterial endocarditis). In pregnancy BRI in first trimester is 0-48 mm/hr(62 if anemic) and in second trimester (0-70 mm /hr(95 if anemic). ESR returns to normal 4th week post partum. Decreased in: Polycythermia vera, Sickle cell anemia

### LIMITATIONS

False elevated ESR : Increased fibrinogen, Drugs(Vitamin A, Dextran etc), Hypercholesterolemia False Decreased : Poikilocytosis, (SickleCells, spherocytes), Microcytosis, Low fibrinogen, Very high WBC counts, Drugs(Quinine, salicylates)

## **REFERENCE** :

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.

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Vie<u>w Details</u>





PATIENT NAME : AFRINBANU MUSHIRHUSAIN M	IALEK	REF. DOCTOR : S	ELF		
CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 032	1WC000862	AGE/SEX	:32 Years	Female
	PATIENT ID : AFRI	F230390321	DRAWN	:	
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	CLIENT PATIENT ID:		RECEIVED	: 14/03/2023	09:29:50
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8800465156					

**Test Report Status Preliminary**  Results

**Biological Reference Interval** Units

		!
	IMMUNOHAEMATOLOGY	
MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE		
ABO GROUP & RH TYPE, EDTA WH	IOLE BLOOD	
ABO GROUP	TYPE A	
RH TYPE	POSITIVE	

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

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

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

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ACROFEMI HEALTHCARE LTD ( MEDIWHEEL ) F-703, LADO SARAI, MEHRAULISOUTH WEST	PATIENT ID : AFRIF230390321	DRAWN :			
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(					

Results

Test Report Status <u>Preliminary</u>

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**Biological Reference Interval** Units

	BIOCHEMISTRY		
MEDI WHEEL FULL BODY HEALTH CHECKUP	BELOW 40FEMALE		
GLUCOSE FASTING, FLUORIDE PLASMA			
FBS (FASTING BLOOD SUGAR)	98	74 - 99	mg/dL
GLYCOSYLATED HEMOGLOBIN(HBA1C), EDT BLOOD	A WHOLE		
HBA1C	5.4	Non-diabetic: < 5.7 Pre-diabetics: 5.7 - 6.4 Diabetics: > or = 6.5 Therapeutic goals: < 7.0 Action suggested : > 8.0 (ADA Guideline 2021)	%
ESTIMATED AVERAGE GLUCOSE(EAG)	108.3	< 116.0	mg/dL
GLUCOSE, POST-PRANDIAL, PLASMA			
PPBS(POST PRANDIAL BLOOD SUGAR)	109	70 - 140	mg/dL
LIPID PROFILE, SERUM			
CHOLESTEROL, TOTAL	169	Desirable: < 200 BorderlineHigh: 200 - 239 High: > or = 240	mg/dL
TRIGLYCERIDES	91	Desirable: < 150 BorderlineHigh: 150 - 199 High: 200 - 499 Very High: > or = 500	mg/dL
HDL CHOLESTEROL	56	< 40 Low > or = 60 High	mg/dL
CHOLESTEROL LDL	95	Adult levels: Optimal < 100 Near optimal/above optimal 100-129 Borderline high : 130-159 High : 160-189 Very high : = 190	mg/dL :
NON HDL CHOLESTEROL	113	Desirable: Less than 130 Above Desirable: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very high: > or = 220	mg/dL
VERY LOW DENSITY LIPOPROTEIN	18.2		mg/dL

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PATIENT NAME : AFRINBANU MUSHIRHUSAIN MALEK REF. DOCTOR : SELF				
CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 03	21WC000862 AGE/SEX ::	32 Years Female	
ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )	PATIENT ID : AFF	RIF230390321 DRAWN :		
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	CLIENT PATIENT ID:	RECEIVED :	14/03/2023 09:29:50	
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CHOL/HDL RATIO	3.0			
LDL/HDL RATIO	1.7	0.5 - 3.0 Desirable/Lo	ow Risk	
		3.1 - 6.0 Borderline/N	Moderate	
		Risk >6.0 High Risk		
LIVER FUNCTION PROFILE, SERUM				
BILIRUBIN, TOTAL	0.48	Upto 1.2	mg/dL	
BILIRUBIN, DIRECT	0.18	Upto 0.2	mg/dL	
BILIRUBIN, INDIRECT	0.30	0.00 - 1.00	mg/dL	
TOTAL PROTEIN	7.2	6.4 - 8.3	g/dL	
ALBUMIN	4.6	3.5 - 5.2	g/dL	
GLOBULIN	2.6	2.0 - 4.1	g/dL	
ALBUMIN/GLOBULIN RATIO	1.8	1.0 - 2.0	RATIO	
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	19	0 - 32	U/L	
ALANINE AMINOTRANSFERASE (ALT/SGPT)	22	0 - 33	U/L	
ALKALINE PHOSPHATASE	102	35 - 104	U/L	
GAMMA GLUTAMYL TRANSFERASE (GGT)	12	5 - 36	U/L	
LACTATE DEHYDROGENASE	189	135 - 214	U/L	
BLOOD UREA NITROGEN (BUN), SERUM				
BLOOD UREA NITROGEN	6	6 - 20	mg/dL	
CREATININE, SERUM				
CREATININE	0.64	0.60 - 1.10	mg/dL	
BUN/CREAT RATIO				
BUN/CREAT RATIO	9.38	5.0 - 15.0		
			<i>(</i> ))	
URIC ACID	4.5	2.4 - 5.7	mg/dL	
	7.0		- (-1)	
TOTAL PROTEIN	7.2	6.4 - 8.3	g/dL	
	1.0		a /dl	
ALBUMIN GLOBULIN	4.6	3.5 - 5.2	g/dL	
GLOBULIN	2.6	2.0 - 4.1	g/dL	
GLODOLIN	2.0	2.0 - 4.1	g/uL	

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## ELECTROLYTES (NA/K/CL), SERUM

SODIUM, SERUM	140.8	136- 145	mmol/L
POTASSIUM, SERUM	4.45	3.50- 5.10	mmol/L
CHLORIDE, SERUM	104.5	98 - 107	mmol/L

## Interpretation(s)

GLUCOSE FASTING, FLUORIDE PLASMA-TEST DESCRIPTION

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

### Increased in

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

Decreased in

Pancreatic islet cell disease with increased insulin,insulinoma, adrenocortical insufficiency, hypopituitarism, diffuse liver disease, malignancy (adrenocortical, stomach, fibrosarcoma), infant of a diabetic mother, enzyme deficiency diseases(e.g., galactosemia), Drugs- insulin,

 NOTE: While random serum glucose levels correlate with home glucose monitoring results (weekly mean capillary glucose values), there is wide fluctuation within individuals. Thus, glycosylated hemoglobin (HbA1c) levels are favored to monitor glycemic control.

High fasting glucose level in comparison to post pradial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc. GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE BLOOD-**Used For**:

1. Evaluating the long-term control of blood glucose concentrations in diabetic patients.

2.Diagnosing diabetes.

3.Identifying patients at increased risk for diabetes (prediabetes).

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

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

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

### HbA1c Estimation can get affected due to :

I.Shortened Erythrocyte survival : Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g. recovery from acute blood loss, hemolytic anemia) will faisely lower HbA1c test results. Fructosamine is recommended in these patients which indicates diabetes control over 15 days. II. Vitamin C & E are reported to falsely lower test results. (possibly by inhibiting glycation of hemoglobin.

III. Iron deficiency anemia is reported to increase test results. Hypertriglyceridemia, uremia, hyperbilirubinemia, chronic alcoholism, chronic ingestion of salicylates & opiates addiction are reported to interfere with some assay methods, falsely increasing results. IV.Interference of hemoglobinopathies in HbA1c estimation is seen in

a.Homozygous hemoglobinopathy. Fructosamine is recommended for testing of HbA1c. b.Heterozygous state detected (D10 is corrected for HbS & HbC trait.)

c.HbF > 25% on alternate paltform (Boronate affinity chromatography) is recommended for testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is

recommended for detecting a hemoglobinopathy GLUCOSE, POST-PRANDIAL, PLASMA-High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc.Additional test HbA1c LIVER FUNCTION PROFILE, SERUM-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

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View Details



**PERFORMED AT:** SRL LTD GRAND MALL, OPPOSITE SBI ZONAL OFFICE, SM ROAD, AMBAWADI, AHMEDABAD, 380015 GUJRAT, INDIA Tel: 079-48912999,079-48913999,079-48914999 Email : customercare.ahmedabad@srl.in



PATIENT NAME : AFRINBANU MUSHIRHUSAIN N	IALEK REF. DOCTOR :	SELF
	ACCESSION NO : 0321WC000862	AGE/SEX : 32 Years Female
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	PATIENT ID : AFRIF230390321 CLIENT PATIENT ID: ABHA NO :	DRAWN : RECEIVED : 14/03/2023 09:29:50 REPORTED :15/03/2023 12:59:16
8800465156		
Test Report Status Preliminary	Results Biological	Reference Interval Units

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.

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

CREATININE, SERUM-Higher than normal level may be due to:
Blockage in the urinary tract
Kidney problems, such as kidney damage or failure, infection, or reduced blood flow

Loss of body fluid (dehydration)

Muscle problems, such as breakdown of muscle fibers

• Problems during pregnancy, such as seizures (eclampsia)), or high blood pressure caused by pregnancy (preeclampsia)

Lower than normal level may be due to:

Myasthenia Gravis
Muscular dystrophy

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

Causes of decreased levels-Low Zinc intake.OCP.Multiple Sclerosis

TOTAL PROTEIN, SERUM-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""""""""" 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.

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PATIENT NAME : AFRINBANU MUSHIRHUSAIN M	ALEK REF. DOCTOR : S	SELF
CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 0321WC000862	AGE/SEX : 32 Years Female
	PATIENT ID : AFRIF230390321	DRAWN :
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI		RECEIVED : 14/03/2023 09:29:50
NEW DELHI 110030	ABHA NO :	REPORTED :15/03/2023 12:59:16
8800465156		
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Test Report Status	<u>Preliminary</u>
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Results

**Biological Reference Interval** Units

CLINICAL PATH - URINALYSIS					
MEDI WHEEL FULL BODY HEALTH CHECKUP BE	MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE				
PHYSICAL EXAMINATION, URINE					
COLOR	Yellow				
APPEARANCE	Clear				
CHEMICAL EXAMINATION, URINE					
PH	6.0	4.7 - 7.5			
SPECIFIC GRAVITY	<=1.005	1.003 - 1.035			
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			
LEUKOCYTE ESTERASE	NOT DETECTED	NOT DETECTED			
MICROSCOPIC EXAMINATION, URINE					
RED BLOOD CELLS	NOT DETECTED	NOT DETECTED	/HPF		
PUS CELL (WBC'S)	0-1	0-5	/HPF		
EPITHELIAL CELLS	1-2	0-5	/HPF		
CASTS	NOT DETECTED				
CRYSTALS	NOT DETECTED				
BACTERIA	NOT DETECTED	NOT DETECTED			
YEAST	NOT DETECTED	NOT DETECTED			
REMARKS MICROSCOPIC EXAMINATION OF URINE IS CARRIED OUT ON CENTRIFUGED URINARY SEDIMENT.					

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PATIENT NAME : AFRINBANU MUSHIRHUSAIN MALEK REF. DOCTOR : SELF					
ACROFEMI HEALTHCARE LTD ( MEDIWHEEL ) F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	ACCESSION NO: <b>0321WC000862</b> PATIENT ID : AFRIF230390321 CLIENT PATIENT ID: ABHA NO :	AGE/SEX :32 Years Female DRAWN : RECEIVED :14/03/2023 09:29:50 REPORTED :15/03/2023 12:59:16			
8800465156 Test Report Status Preliminary	Results Biological	Reference Interval Units			

	CYTOLOGY	)
MEDI WHEEL FULL BODY HEALTH C	HECKUP BELOWREGEFFATE	
PAPANICOLAOU SMEAR	RESULT PENDING	
LETTER	RESULT PENDING	

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View Report





PATIENT NAME : AFRINBANU MUSHIRHUSAIN MALEK REF. DOCTOR : SELF			
CODE/NAME & ADDRESS : C000138364 ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )	ACCESSION NO : 0321WC000862	AGE/SEX : 32 Years Female	
F-703, LADO SARAI, MEHRAULISOUTH WEST	PATIENT ID : AFRIF230390321 CLIENT PATIENT ID:	DRAWN : RECEIVED : 14/03/2023 09:29:50	
DELHI NEW DELHI 110030		REPORTED :15/03/2023 12:59:16	
8800465156			
Test Report Status <u>Preliminary</u>	Results Biological	Reference Interval Units	

CLIN	CAL PATH - STOOL ANALYSIS	]
MEDI WHEEL FULL BODY HEALTH CHECKUP BELOWR BOUFEMPAILED ING		
PHYSICAL EXAMINATION, STOOL	RESULT PENDING	
CHEMICAL EXAMINATION, STOOL	RESULT PENDING	
MICROSCOPIC EXAMINATION, STOOL	RESULT PENDING	

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PATIENT NAME : AFRINBANU MUSHIRHUSAIN M	ALEK REF. DOCTOR : S	SELF
CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 0321WC000862	AGE/SEX : 32 Years Female
F-703, LADO SARAI, MEHRAULISOUTH WEST	PATIENT ID : AFRIF230390321	DRAWN :
	CLIENT PATIENT ID:	RECEIVED : 14/03/2023 09:29:50
NEW DELHI 110030	ABHA NO :	REPORTED :15/03/2023 12:59:16
8800465156		
(		

Test Report Status	<u>Preliminary</u>
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Results

**Biological Reference Interval** Units

SPECIALISED CHEMISTRY - HORMONE				
MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE				
THYROID PANEL, SERUM				
Τ3	108.50	Non-Pregnant Women ng/dL 80.0 - 200.0 Pregnant Women 1st Trimester:105.0 - 230.0 2nd Trimester:129.0 - 262.0 3rd Trimester:135.0 - 262.0		
Τ4	9.11	Non-Pregnant Women µg/dL 5.10 - 14.10 Pregnant Women 1st Trimester: 7.33 - 14.80 2nd Trimester: 7.93 - 16.10 3rd Trimester: 6.95 - 15.70		
TSH (ULTRASENSITIVE)	1.440	Non Pregnant Women µIU/mL 0.27 - 4.20 Pregnant Women 1st Trimester: 0.33 - 4.59 2nd Trimester: 0.35 - 4.10 3rd Trimester: 0.21 - 3.15		

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

**Dr.Miral Gajera Consultant Pathologist** 

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PATIENT NAME : AFRINBANU MUSHIRHUSAIN N	IALEK REF. DOCTOR	: SELF
CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 0321WC000862	AGE/SEX : 32 Years Female
ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )	PATIENT ID : AFRIF230390321	DRAWN :
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Test Report Status <u>Preliminary</u>	Results Biologie	cal Reference Interval Units

# **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.
 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.

Test results cannot be used for Medico legal purposes.
 In case of queries please call customer care

(91115 91115) within 48 hours of the report.

## SRL Limited

Fortis Hospital, Sector 62, Phase VIII, Mohali 160062

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