

REF. DOCTOR: DR. BANK OP BARODA **PATIENT NAME: MOHAMMAD RASHEED**

CODE/NAME & ADDRESS: C000138396 ACROFEMI HEALTHCARE LTD (MEDIWHEEL)

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0183WF000705 PATIENT ID : MOHAM180380183

CLIENT PATIENT ID: ABHA NO

:10/06/2023 00:00:00 DRAWN RECEIVED : 10/06/2023 10:46:30 REPORTED :12/06/2023 19:08:05

:43 Years

AGE/SEX

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

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

XRAY-CHEST

BOTH THE LUNG FIELDS ARE CLEAR

BOTH THE COSTOPHRENIC AND CARIOPHRENIC ANGELS ARE CLEAR

BOTH THE HILA ARE NORMAL

CARDIAC AND AORTIC SHADOWS APPEAR NORMAL **»**» BOTH THE DOMES OF THE DIAPHRAM ARE NORMAL >> >>

VISUALIZED BONY THORAX IS NORMAL **»**»

NO ABNORMALITY DETECTED **IMPRESSION**

TMT OR ECHO

TMT OR ECHO TMT DONE

ECG

WITHIN NORMAL LIMITS **ECG**

MEDICAL HISTORY

RELEVANT PRESENT HISTORY NOT SIGNIFICANT RELEVANT PAST HISTORY NOT SIGNIFICANT

MARRIED RELEVANT PERSONAL HISTORY

RELEVANT FAMILY HISTORY MOTHER H/O HTN OCCUPATIONAL HISTORY NOT SIGNIFICANT HISTORY OF MEDICATIONS NOT SIGNIFICANT

ANTHROPOMETRIC DATA & BMI

HEIGHT IN METERS 1.65 mts WEIGHT IN KGS. 75 Kgs

BMI 28 BMI & Weight Status as follows/sqmts

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

GENERAL EXAMINATION

NORMAL MENTAL / EMOTIONAL STATE **NORMAL** PHYSICAL ATTITUDE **OVERWEIGHT** GENERAL APPEARANCE / NUTRITIONAL

STATUS

BUILT / SKELETAL FRAMEWORK AVERAGE

Dr. Karthick Prabhu R Consultant Pathologist



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NORMAL FACIAL APPEARANCE **NORMAL** SKIN **NORMAL** UPPER LIMB LOWER LIMB **NORMAL NECK** NORMAL

NECK LYMPHATICS / SALIVARY GLANDS NOT ENLARGED OR TENDER

THYROID GLAND **NOT ENLARGED**

CAROTID PULSATION **NORMAL NORMAL** BREAST (FOR FEMALES) **NORMAL TEMPERATURE**

PULSE 76/MINS, REGULAR, ALL PERIPHERAL PULSES WELL FELT, NO CAROTID

BRUIT

NORMAL RESPIRATORY RATE

CARDIOVASCULAR SYSTEM

ΒP 120/80 MM HG mm/Hg

(SITTING)

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

RESPIRATORY SYSTEM

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

BREATH SOUNDS QUALITY VESICULAR (NORMAL)

ABSENT ADDED SOUNDS

PER ABDOMEN

APPEARANCE NORMAL VENOUS PROMINENCE **ABSENT**

LIVER NOT PALPABLE SPLEEN NOT PALPABLE ABSENT HERNIA

CENTRAL NERVOUS SYSTEM

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Test Report Status	Preliminary	Results	Biological Reference Interval	Units
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NORMAL HIGHER FUNCTIONS **NORMAL** CRANIAL NERVES CEREBELLAR FUNCTIONS NORMAL SENSORY SYSTEM **NORMAL** MOTOR SYSTEM NORMAL **REFLEXES NORMAL**

MUSCULOSKELETAL SYSTEM

SPINE NORMAL NORMAL JOINTS

BASIC EYE EXAMINATION

CONJUNCTIVA **NORMAL EYELIDS NORMAL NORMAL** EYE MOVEMENTS CORNEA **NORMAL**

DISTANT VISION RIGHT EYE WITHOUT WITHIN NORMAL LIMIT

GLASSES

REFRACTIVE ERROR TO BE CORRECTED DISTANT VISION LEFT EYE WITHOUT

GLASSES

WITHIN NORMAL LIMIT NEAR VISION RIGHT EYE WITHOUT GLASSES WITHIN NORMAL LIMIT NEAR VISION LEFT EYE WITHOUT GLASSES NORMAL

COLOUR VISION

BASIC ENT EXAMINATION

EXTERNAL EAR CANAL NORMAL TYMPANIC MEMBRANE NORMAL

NOSE NO ABNORMALITY DETECTED

SINUSES NORMAL

THROAT NO ABNORMALITY DETECTED

TONSILS NOT ENLARGED

BASIC DENTAL EXAMINATION

NORMAL TEETH **HEALTHY GUMS**

SUMMARY

RELEVANT HISTORY NOT SIGNIFICANT

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RELEVANT GP EXAMINATION FINDINGS

RELEVANT LAB INVESTIGATIONS

RELEVANT NON PATHOLOGY DIAGNOSTICS

REMARKS / RECOMMENDATIONS

FITNESS STATUS

FITNESS STATUS

NOT SIGNIFICANT WITHIN NORMAL LIMITS

NO ABNORMALITIES DETECTED

NONE

FIT (AS PER REQUESTED PANEL OF TESTS)

Comments

OUR PANEL OF DOCTORS:

GENERAL PHYSICIANS - DR.S.B.PRAVEEN., M.B.B.S., M.Sc(Psy)., F.Diab., AFIH. RADIOLOGIST - DR.DEBABRATA NITYARANJAN DAS, MD(RAD)., M.R.FELLOW(USA)., GYNECOLOGIST - DR.PREMALATHA KRISHNAKUMAR.MD.,MRCOG.,Dip.in Colposcopy(UK). CARDIOLOGIST - DR. A.PREM KRISHNA, MD., MRCP(UK)., DNB., DM., THIS REPORT CARRIES THE SIGNATURE OF OUR LABORATORY HEAD.

THIS IS AN INVIOLABLE FEATURE OF OUR LAB MANAGEMENT SOFTWARE.

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REPORTED :12/06/2023 19:08:05 ABHA NO

Test Report Status Units **Preliminary** Results

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE ASSUMIAREENDING **ULTRASOUND ABDOMEN RESULT PENDING**

Interpretation(s)

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.

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 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 changes as well as seek a Physician sconsultation 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.
- 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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Agilus Diagnostics Ltd (Formerly SRL Ltd) 57, Cowley Brown Road, R S Puram Coimbatore, 641002 Tamilnadu, India Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956





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:43 Years DRAWN :10/06/2023 00:00:00

AGE/SEX

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HAEMATOLOGY - CBC				
MEDI WHEEL FULL BODY HEALTH CHECK UP AN	BOVE 40 MALE			
BLOOD COUNTS,EDTA WHOLE BLOOD				
HEMOGLOBIN (HB)	13.9	13.0 - 17.0	g/dL	
RED BLOOD CELL (RBC) COUNT	4.62	4.5 - 5.5	mil/μL	
WHITE BLOOD CELL (WBC) COUNT	6.00	4.0 - 10.0	thou/µL	
PLATELET COUNT	279	150 - 410	thou/µL	
RBC AND PLATELET INDICES				
HEMATOCRIT (PCV)	41.8	40 - 50	%	
MEAN CORPUSCULAR VOLUME (MCV)	91.0	83 - 101	fL	
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	30.2	27.0 - 32.0	pg	
MEAN CORPUSCULAR HEMOGLOBIN	33.3	31.5 - 34.5	g/dL	
CONCENTRATION (MCHC) RED CELL DISTRIBUTION WIDTH (RDW)	14.1 High	11.6 - 14.0	%	
MENTZER INDEX	19.7	1110 1110		
MEAN PLATELET VOLUME (MPV)	8.0	6.8 - 10.9	fL	
WBC DIFFERENTIAL COUNT				
NEUTROPHILS	55	40 - 80	%	
LYMPHOCYTES	32	20 - 40	%	
MONOCYTES	4	2 - 10	%	
EOSINOPHILS	9 High	1 - 6	%	
BASOPHILS	0	< 1 - 2	%	
ABSOLUTE NEUTROPHIL COUNT	3.3	2.0 - 7.0	thou/µL	
ABSOLUTE LYMPHOCYTE COUNT	1.92	1.0 - 3.0	thou/µL	
ABSOLUTE MONOCYTE COUNT	0.24	0.2 - 1.0	thou/µL	
ABSOLUTE EOSINOPHIL COUNT	0.54 High	0.02 - 0.50	thou/µL	
ABSOLUTE BASOPHIL COUNT	0 Low	0.02 - 0.10	thou/µL	
NEUTROPHIL LYMPHOCYTE RATIO (NLR)	1.7			

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

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

to a decrease in MCHC. A direct smear is recommended for an accurate differential count and for examination of RBC morphology.

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

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

diagnosing a case of beta thalassaemia trait.

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

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

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Test Report Status Biological Reference Interval Preliminary Results Units

HAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

ERYTHROCYTE SEDIMENTATION RATE (ESR), WHOLE BLOOD

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

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 àre 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 fibringen, 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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Test Report Status <u>Preliminary</u> Results Biological Reference Interval Units

IMMUNOHAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD

ABO GROUP TYPE B
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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View Report





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%

mg/dL

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BIOCHEMISTRY

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE

BLOOD

HBA1C 5.6

Pre-diabetics: 5.7 - 6.4 Diabetics: > or = 6.5 ADA Target: 7.0

>/= 190 Very High

Non-diabetic: < 5.7

Action suggested: > 8.0

ESTIMATED AVERAGE GLUCOSE(EAG) 114.0 < 116.0

Comments

NOTE: GLYCOSYLATED HEMOGLOBIN TEST PERFORMED IN EXTERNAL LABORATORY (SRL MUMBAI).

GLUCOSE FASTING, FLUORIDE PLASMA

FBS (FASTING BLOOD SUGAR)	104 High	Normal: < 100 Pre-diabetes: 100-125 Diabetes: >/=126	mg/dL
GLUCOSE, POST-PRANDIAL, PLASMA			
PPBS(POST PRANDIAL BLOOD SUGAR)	116	70 - 140	mg/dL
LIPID PROFILE, SERUM			
CHOLESTEROL, TOTAL	187	< 200 Desirable 200 - 239 Borderline High >/= 240 High	mg/dL
TRIGLYCERIDES	70	< 150 Normal 150 - 199 Borderline High 200 - 499 High >/=500 Very High	mg/dL
HDL CHOLESTEROL	39 Low	< 40 Low >/=60 High	mg/dL
CHOLESTEROL LDL	134 High	< 100 Optimal 100 - 129	mg/dL
		Near optimal/ above optima	al
		130 - 159 Bordorlino High	
		Borderline High 160 - 189 High	
		· · · · · · · · · · · · · · · · · · ·	

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Test Report Status <u>Preliminary</u>	Results	Biological Reference Interval Units
NON HDL CHOLESTEROL	148 High	Desirable: Less than 130 mg/dL Above Desirable: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very high: > or = 220
VERY LOW DENSITY LIPOPROTEIN	14	=30.0</math mg/dL
CHOL/HDL RATIO	4.8 High	3.3 - 4.4 Low Risk 4.5 - 7.0 Average Risk 7.1 - 11.0 Moderate Risk > 11.0 High Risk
LDL/HDL RATIO	3.4 High	0.5 - 3.0 Desirable/Low Risk 3.1 - 6.0 Borderline/Moderate Risk >6.0 High Risk
LIVER FUNCTION PROFILE, SERUM		3
BILIRUBIN, TOTAL	0.40	0.2 - 1.0 mg/dL
BILIRUBIN, DIRECT	0.10	0.0 - 0.2 mg/dL
BILIRUBIN, INDIRECT	0.3	0.1 - 1.0 mg/dL
TOTAL PROTEIN	7.1	6.4 - 8.2 g/dL
ALBUMIN	4.2	3.4 - 5.0 g/dL
GLOBULIN	2.9	2.0 - 4.1 g/dL
ALBUMIN/GLOBULIN RATIO	1.4	1.0 - 2.1 RATIO
ASPARTATE AMINOTRANSFERASE(AST/SGOT)	29	15 - 37 U/L
ALANINE AMINOTRANSFERASE (ALT/SGPT)	54 High	< 45.0 U/L
ALKALINE PHOSPHATASE	40	30 - 120 U/L
GAMMA GLUTAMYL TRANSFERASE (GGT)	51	15 - 85 U/L
LACTATE DEHYDROGENASE	149	100 - 190 U/L
BLOOD UREA NITROGEN (BUN), SERUM		
BLOOD UREA NITROGEN	15	6 - 20 mg/dL
CREATININE, SERUM		
CREATININE	1.08	0.90 - 1.30 mg/dL
BUN/CREAT RATIO		



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BUN/CREAT RATIO		13.89	5.00 - 15.00		
URIC ACID, SERUM					
URIC ACID		6.0	3.5 - 7.2	mg/dL	
TOTAL PROTEIN, SER	RUM				
TOTAL PROTEIN		7.1	6.4 - 8.2	g/dL	
ALBUMIN, SERUM					
ALBUMIN		4.2	3.4 - 5.0	g/dL	
GLOBULIN					
GLOBULIN		2.9	2.0 - 4.1	g/dL	
ELECTROLYTES (NA/	K/CL), SERUM				
SODIUM, SERUM		139.1	136 - 145	mmol/L	
POTASSIUM, SERUM		4.38	3.50 - 5.10	mmol/L	
CHLORIDE, SERUM		105.5	98 - 107	mmol/L	

Interpretation(s)
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.

- eAG (Estimated average glucose) converts percentage HbA1c to md/dl, to compare blood glucose levels.
 eAG gives an evaluation of blood glucose levels for the last couple of months.
 eAG is calculated as eAG (mg/dl) = 28.7 * HbA1c 46.7

HbA1c Estimation can get affected due to :

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

- a) Homozygous hemoglobinopathy. Fructosamine is recommended for testing of HbA1c.
 b) Heterozygous state detected (D10 is corrected for HbS & HbC trait.)
 c) HbF > 25% on alternate paltform (Boronate affinity chromatography) is recommended for testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is recommended for detecting a hemoglobinopathy 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, ethanol, propranolol sulfonylureas,tolbutamide,and other oral hypoglycemic agents.



Consultant Pathologist





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Agilus Diagnostics Ltd (Formerly SRL Ltd) 57, Cowley Brown Road, R S Puram Coimbatore, 641002 Tamilnadu, India

Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956



8800465156



REF. DOCTOR: DR. BANK OP BARODA **PATIENT NAME: MOHAMMAD RASHEED**

CODE/NAME & ADDRESS: C000138396 ACCESSION NO: 0183WF000705 AGE/SEX :43 Years Male ACROFEMI HEALTHCARE LTD (MEDIWHEEL) :10/06/2023 00:00:00 PATIENT ID : MOHAM180380183 DRAWN F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST CLIENT PATIENT ID: RECEIVED: 10/06/2023 10:46:30

DELHI REPORTED :12/06/2023 19:08:05 **NEW DELHI 110030** ABHA NO

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

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

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

GLUCOSE, POST-PRANDIAL, PLASMA-High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc. Additional test HbA1c LIVER FUNCTION PROFILE, SERUM
Bilirubin is a yellowish pigment found in bile and is a breakdown product of normal heme catabolism. Bilirubin is excreted in bile and urine, and elevated levels may give

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

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

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

liver disease, high alcohol consumption and use of enzyme-inducing drugs etc.

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

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

permeability or decreased lymphatic clearance,mainutrition and wasting etc

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

Causes of decreased level include Liver disease, SIADH.

CREATININE, SERUM-Higher than normal level may be due to:

• Blockage in the urinary tract, Kidney problems, such as kidney damage or failure, infection, or reduced blood flow, Loss of body fluid (dehydration), Muscle problems, such as breakdown of muscle fibers, Problems during pregnancy, such as seizures (eclampsia)), or high blood pressure caused by pregnancy (preeclampsia)

Lower than normal level may be due to:

• Myasthenia Gravis, Muscuophy

LINE ACID, SERUM Courses of Terrespond Involves (Inches Problems Intel Courses of Terrespond Involves (Inches Intel Courses

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

TOTAL PROTEIN, SERUM-is a biochemical test for measuring the total amount of protein in serum.Protein in the plasma is made up of albumin and globulin.

Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstroms disease.

Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic syndrome,Protein-losing enteropathy etc. ALBUMIN, SERUM-

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

Dr.Karthick Prabhu R Consultant Pathologist Page 13 Of 16





View Report





PATIENT NAME: MOHAMMAD RASHEED REF. DOCTOR: DR. BANK OP BARODA

CODE/NAME & ADDRESS: C000138396 ACROFEMI HEALTHCARE LTD (MEDIWHEEL)

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030

8800465156

ACCESSION NO: 0183WF000705

PATIENT ID : MOHAM180380183

CLIENT PATIENT ID:

ABHA NO

AGE/SEX :43 Years Male :10/06/2023 00:00:00 DRAWN

RECEIVED: 10/06/2023 10:46:30

REPORTED :12/06/2023 19:08:05

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

CLINICAL PATH - URINALYSIS

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

PHYSICAL EXAMINATION, URINE

COLOR PALE YELLOW **CLOUDY APPEARANCE**

CHEMICAL EXAMINATION, URINE

PH 5.0 4.7 - 7.51.003 - 1.035 SPECIFIC GRAVITY 1.025 **PROTEIN NOT DETECTED NEGATIVE GLUCOSE** NOT DETECTED **NEGATIVE KETONES NOT DETECTED** NOT DETECTED **BLOOD** TRACE **NEGATIVE BILIRUBIN** NOT DETECTED NOT DETECTED UROBILINOGEN **NORMAL NORMAL NITRITE** NOT DETECTED NOT DETECTED LEUKOCYTE ESTERASE NOT DETECTED NOT DETECTED

MICROSCOPIC EXAMINATION, URINE

/HPF RED BLOOD CELLS **NOT DETECTED** NOT DETECTED /HPF PUS CELL (WBC'S) 3-5 0-5 EPITHELIAL CELLS 3-5 0-5 /HPF

NOT DETECTED **CASTS CRYSTALS DETECTED**

BACTERIA DETECTED (FEW) NOT DETECTED YEAST NOT DETECTED NOT DETECTED CALCIUM OXALATE CRYSTALS DETECTED. REMARKS

Comments

URINALYSIS: - MICROSCOPIC EXAMINATION OF URINE IS CARRIED OUT ON CENTRIFUGED URINARY SEDIMENT.

Dr. Karthick Prabhu R **Consultant Pathologist**



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PATIENT NAME: MOHAMMAD RASHEED REF. DOCTOR: DR. BANK OP BARODA

CODE/NAME & ADDRESS: C000138396 ACROFEMI HEALTHCARE LTD (MEDIWHEEL)

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

CLINICAL PATH - STOOL ANALYSIS

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

PHYSICAL EXAMINATION, STOOL

COLOUR BROWN

CONSISTENCY WELL FORMED

MUCUS NOT DETECTED NOT DETECTED

VISIBLE BLOOD **ABSENT ABSENT**

ADULT PARASITE NOT DETECTED

CHEMICAL EXAMINATION, STOOL

STOOL PH **NEGATIVE**

OCCULT BLOOD NOT DETECTED NOT DETECTED

MICROSCOPIC EXAMINATION, STOOL

PUS CELLS 1-2 /hpf

RED BLOOD CELLS NOT DETECTED NOT DETECTED /HPF

CYSTS NOT DETECTED NOT DETECTED

OVA NOT DETECTED

LARVAE NOT DETECTED NOT DETECTED

TROPHOZOITES NOT DETECTED NOT DETECTED

FAT **ABSENT** VEGETABLE CELLS **ABSENT**

Dr. Karthick Prabhu R **Consultant Pathologist** Page 15 Of 16











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CODE/NAME & ADDRESS : C000138396
ACROFEMI HEALTHCARE LTD (MEDIWHEEL)

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

SPECIALISED CHEMISTRY - HORMONE

MEDI WHEEL FULL BODY HEALTH CHECK UP ABOVE 40 MALE

THYROID PANEL, SERUM

ТЗ	143.70	80.0 - 200.0	ng/dL
T4	8.60	5.10 - 14.10	μg/dL
TSH (ULTRASENSITIVE)	3.470	0.270 - 4.200	μIU/mL

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

CONDITIONS OF LABORATORY TESTING & REPORTING

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

- 5. AGILUS Diagnostics confirms that all tests have been performed or assayed with highest quality standards, clinical safety & technical integrity.
- 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.

Agilus Diagnostics Ltd

Fortis Hospital, Sector 62, Phase VIII, Mohali 160062

Dr.Karthick Prabhu R Consultant Pathologist



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View Details

View Report



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