

REPORT

Name	: Mrs. RUPANI AKHILA	Sample ID	: A0590258
Age/Gender	: 23 Years/Female	Reg. No	: 0312407270009
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 27-Jul-2024 09:24 AM
Primary Sample	: Whole Blood	Received On	: 27-Jul-2024 01:04 PM
Sample Tested In	: Citrated Plasma	Reported On	: 27-Jul-2024 04:13 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

HAEMATOLOGY

COAGULATION PROFILE-II

Test Name	Results	Units	Ref. Range	Method
Activated Partial Thromboplastin Time (APTT/PTTK)				
Patient Value	35.80	sec	26-40	Photo Optical Clot Detection
Control Value	33.00	Sec		Agglutination
PROTHROMBIN TIME (P TIME)				
PT-Patient Value	14.4	Secs	10-15	Photo Optical Clot Detection
PT-Mean Control Value	13.00	Seconds		
PT Ratio	1.11			
PT INR	1.20		0.9-1.2	

Interpretation :

Prothrombin time measures the extrinsic coagulation pathway which consists of activated Factor VII (VIIa), Tissue factor and Proteins of the common pathway (Factors X, V, II & Fibrinogen). This assay is used to control long term oral anticoagulant therapy, evaluation of liver function & to evaluate coagulation disorders specially factors involved in the extrinsic pathway like Factors V, VII, X, Prothrombin & Fibrinogen.

Note

1. INR is the parameter of choice in monitoring adequacy of oral anticoagulant therapy. Appropriate therapeutic range varies with the disease and treatment intensity
2. Prolonged INR suggests potential bleeding disorder / bleeding complications
3. Results should be clinically correlated
4. Test conducted on Citrated plasma

*** End Of Report ***



Swannabala - M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Mrs. RUPANI AKHILA	Sample ID	: A0590257
Age/Gender	: 23 Years/Female	Reg. No	: 0312407270009
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 27-Jul-2024 09:24 AM
Primary Sample	: Whole Blood	Received On	: 27-Jul-2024 01:04 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 27-Jul-2024 02:42 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

HAEMATOLOGY

Test Name	Results	Units	Ref. Range	Method
Complete Blood Picture(CBP)				
Haemoglobin (Hb)	9.1	g/dL	12-15	Cynmeth Method
Haematocrit (HCT)	28.8	%	40-50	Calculated
RBC Count	3.51	10 ¹² /L	3.8-4.8	Cell Impedence
MCV	80	fl	81-101	Calculated
MCH	25.8	pg	27-32	Calculated
MCHC	31.5	g/dL	32.5-34.5	Calculated
RDW-CV	17.4	%	11.6-14.0	Calculated
Platelet Count (PLT)	380	10 ⁹ /L	150-410	Cell Impedence
Total WBC Count	7.1	10 ⁹ /L	4.0-10.0	Impedence
Differential Leucocyte Count (DC)				
Neutrophils	70	%	40-70	Cell Impedence
Lymphocytes	25	%	20-40	Cell Impedence
Monocytes	03	%	2-10	Microscopy
Eosinophils	02	%	1-6	Microscopy
Basophils	00	%	1-2	Microscopy
Absolute Neutrophils Count	4.97	10 ⁹ /L	2.0-7.0	Impedence
Absolute Lymphocyte Count	1.78	10 ⁹ /L	1.0-3.0	Impedence
Absolute Monocyte Count	0.21	10 ⁹ /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.14	10 ⁹ /L	0.02-0.5	Calculated
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology	Anisocytosis with Microcytic hypochromic anemia			PAPs Staining

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited



Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Mrs. RUPANI AKHILA	Sample ID	: A0590255
Age/Gender	: 23 Years/Female	Reg. No	: 0312407270009
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 27-Jul-2024 09:24 AM
Primary Sample	: Whole Blood	Received On	: 27-Jul-2024 01:04 PM
Sample Tested In	: Serum	Reported On	: 27-Jul-2024 03:21 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Kidney Profile-KFT				
Creatinine -Serum	0.69	mg/dL	0.60-1.10	Jaffes Kinetic
Urea-Serum	17.2	mg/dL	12.8-42.8	Calculated
Blood Urea Nitrogen (BUN)	8.04	mg/dL	7.0-18.0	Calculated
BUN / Creatinine Ratio	11.65		6 - 22	
Uric Acid	2.89	mg/dL	2.6-6.0	Uricase
Sodium	144	mmol/L	135-150	ISE Direct
Potassium	4.0	mmol/L	3.5-5.0	ISE Direct
Chloride	102	mmol/L	94-110	ISE Direct

Interpretation:

- The kidneys, located in the retroperitoneal space in the abdomen, are vital for patient health. They process several hundred liters of fluid a day and remove around two liters of waste products from the bloodstream. The volume of fluid that passes through the kidneys each minute is closely linked to cardiac output. The kidneys maintain the body's balance of water and concentration of minerals such as sodium, potassium, and phosphorus in blood and remove waste by-products from the blood after digestion, muscle activity and exposure to chemicals or medications. They also produce renin which helps regulate blood pressure, produce erythropoietin which stimulates red blood cell production, and produce an active form of vitamin D, needed for bone health.

*** End Of Report ***

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Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

REPORT

Name	: Mrs. RUPANI AKHILA	Sample ID	: A0590255
Age/Gender	: 23 Years/Female	Reg. No	: 0312407270009
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 27-Jul-2024 09:24 AM
Primary Sample	: Whole Blood	Received On	: 27-Jul-2024 01:04 PM
Sample Tested In	: Serum	Reported On	: 27-Jul-2024 03:16 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Liver Function Test (LFT)				
Bilirubin(Total)	0.3	mg/dL	0.3-1.2	Diazo
Bilirubin (Direct)	0.1	mg/dL	0.0 - 0.3	Diazo
Bilirubin (Indirect)	0.2	mg/dL	0.2-1.0	Calculated
Aspartate Aminotransferase (AST/SGOT)	12	U/L	15-37	IFCC UV Assay
Alanine Aminotransferase (ALT/SGPT)	10	U/L	0-55	IFCC with out (P-5-P)
Alkaline Phosphatase(ALP)	108	U/L	30-120	Kinetic PNPP-AMP
Gamma Glutamyl Transpeptidase (GGTP)	55	U/L	5-55	IFCC
Protein - Total	6.6	g/dL	6.4-8.2	Biuret
Albumin	4.0	g/dL	3.4-5.0	Bromocresol Green (BCG)
Globulin	2.6	g/dL	2.0-4.2	Calculated
A:G Ratio	1.54	%	0.8-2.0	Calculated
SGOT/SGPT Ratio	1.20			

Alanine Aminotransferase(ALT) is an enzyme found in liver and kidneys cells. ALT helps create energy for liver cells. Damaged liver cells release ALT into the bloodstream, which can elevate ALT levels in the blood.

Aspartate Aminotransferase (AST) is an enzyme in the liver and muscles that helps metabolizes amino acids. Similarly to ALT, elevated AST levels may be a sign of liver damage or liver disease.

Alkaline phosphate (ALP) is an enzyme present in the blood. ALP contributes to numerous vital bodily functions, such as supplying nutrients to the liver, promoting bone growth, and metabolizing fat in the intestines.

Gamma-glutamyl Transpeptidase (GGTP) is an enzyme that occurs primarily in the liver, but it is also present in the kidneys, pancreas, gallbladder, and spleen. Higher than normal concentrations of GGTP in the blood may indicate alcohol-related liver damage. Elevated GGTP levels can also increase the risk of developing certain types of cancer.

Bilirubin is a waste product that forms when the liver breaks down red blood cells. Bilirubin exits the body as bile in stool. High levels of bilirubin can cause jaundice - a condition in which the skin and whites of the eyes turn yellow- and may indicate liver damage.

Albumin is a protein that the liver produces. The liver releases albumin into the bloodstream, where it helps fight infections and transport vitamins, hormones, and enzymes throughout the body. Liver damage can cause abnormally low albumin levels.



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

REPORT

Name	: Mrs. RUPANI AKHILA	Sample ID	: A0590236
Age/Gender	: 23 Years/Female	Reg. No	: 0312407270009
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 27-Jul-2024 09:24 AM
Primary Sample	:	Received On	: 27-Jul-2024 01:04 PM
Sample Tested In	: Urine	Reported On	: 27-Jul-2024 05:42 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL PATHOLOGY

Test Name	Results	Units	Ref. Range	Method
Complete Urine Analysis (CUE)				
Physical Examination				
Colour	Pale Yellow		Straw to light amber	
Appearance	HAZY		Clear	
Chemical Examination				
Glucose	Negative		Negative	Strip Reflectance
Protein	(+)		Negative	Strip Reflectance
Bilirubin (Bile)	Negative		Negative	Strip Reflectance
Urobilinogen	Negative		Negative	Ehrlichs reagent
Ketone Bodies	Negative		Negative	Strip Reflectance
Specific Gravity	1.025		1.000 - 1.030	Strip Reflectance
Blood	Negative		Negative	Strip Reflectance
Reaction (pH)	6.0		5.0 - 8.5	Reagent Strip Reflectance
Nitrites	Negative		Negative	Strip Reflectance
Leukocyte esterase	Negative		Negative	Reagent Strip Reflectance
Microscopic Examination (Microscopy)				
PUS(WBC) Cells	02-04	/hpf	00-05	Microscopy
R.B.C.	Nil	/hpf	Nil	Microscopic
Epithelial Cells	01-02	/hpf	00-05	Microscopic
Casts	Absent		Absent	Microscopic
Crystals	Absent		Absent	Microscopic
Bacteria	Nil		Nil	
Budding Yeast Cells	Nil		Absent	Microscopy

Comments :Urine analysis is one of the most useful laboratory tests as it identifies a wide range of medical conditions including renal damage, urinary tract infections,diabetes, hypertension and drug toxicity.

Correlate Clinically.

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*** End Of Report ***



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