

REPORT

Name	: Mr. Y PRABHAKAR	Sample ID	: A0012517
Age/Gender	: 42 Years/Male	Reg. No	: 0312312280027
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 28-Dec-2023 11:01 AM
Primary Sample	: Whole Blood	Received On	: 28-Dec-2023 12:15 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 28-Dec-2023 02:55 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)	9.0	g/dL	13-17	Cynmeth Method
Haematocrit (HCT)	26.9	%	40-50	Calculated
RBC Count	3.06	10 ¹² /L	4.5-5.5	Cell Impedence
MCV	88	fl	81-101	Calculated
MCH	29.3	pg	27-32	Calculated
MCHC	33.3	g/dL	32.5-34.5	Calculated
RDW-CV	13.4	%	11.6-14.0	Calculated
Platelet Count (PLT)	205	10 ⁹ /L	150-410	Cell Impedence
Total WBC Count	7.6	10 ⁹ /L	4.0-10.0	Impedence
Differential Leucocyte Count (DC)				
Neutrophils	70	%	40-70	Cell Impedence
Lymphocytes	22	%	20-40	Cell Impedence
Monocytes	06	%	2-10	Microscopy
Eosinophils	02	%	1-6	Microscopy
Basophils	00	%	1-2	Microscopy
Absolute Neutrophils Count	5.32	10 ⁹ /L	2.0-7.0	Impedence
Absolute Lymphocyte Count	1.67	10 ⁹ /L	1.0-3.0	Impedence
Absolute Monocyte Count	0.46	10 ⁹ /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.15	10 ⁹ /L	0.02-0.5	Calculated
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology	Normocytic normochromic anemia			PAPs Staining



Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Mr. Y PRABHAKAR	Sample ID	: A0012518
Age/Gender	: 42 Years/Male	Reg. No	: 0312312280027
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 28-Dec-2023 11:01 AM
Primary Sample	: Whole Blood	Received On	: 28-Dec-2023 12:15 PM
Sample Tested In	: Serum	Reported On	: 28-Dec-2023 03:16 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Calcium	8.1	mg/dL	8.5-10.1	o-cresolphthalein complexone (OCPC)

Comments:

- Calcium in the body is found mainly in the bones (approximately 99%). In serum, Calcium exists in a free ionised form and in bound form (with Albumin). Hence, a decrease in Albumin causes lower Calcium levels and vice-versa.
- Calcium levels in serum depend on the Parathyroid Hormone.
- Increased Calcium levels are found in Bone tumors, Hyperparathyroidism. decreased levels are found in Hypoparathyroidism, renal failure, Rickets.

Phosphorus(PO4)	2.6	mg/dL	2.5-4.9	Phosphomolybdate UV
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Interpretation:

- This will give an idea of renal and bone diseases.

Increased Phosphorus Or Hyperphosphatemia:

- Renal diseases with increased blood urea (BUN) and creatinine.
- Hypoparathyroidism with raised phosphate and decreased calcium. But renal function will be normal.
- Liver diseases and cirrhosis.
- Acromegaly.
- Increased dietary intake.
- Sarcoidosis.
- Acidosis
- Hemolytic anemia.

Decreased Level Of Phosphorus Or Hypophosphatemia:

- Decreased intestinal absorption.
- Rickets (Vit.D deficiency)
- Vomiting and severe diarrhea
- Severe malnutrition and malabsorption.
- Acute alcoholism.

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

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CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Kidney Profile-KFT				
Creatinine -Serum	12.37	mg/dL	0.70-1.30	Sarcosine oxidase
Urea-Serum	109.2	mg/dL	12.8-42.8	Glutamate dehydrogenase+Calculation
Blood Urea Nitrogen (BUN)	51	mg/dL	7.0-18.0	Calculated
BUN / Creatinine Ratio	4.12		6 - 22	
Uric Acid	10.96	mg/dL	3.5-7.2	Uricase
Sodium	135	mmol/L	136-145	ISE Direct
Potassium	5.5	mmol/L	3.5-5.1	ISE Direct
Chloride	98	mmol/L	98-108	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.

Correlate Clinically.

Result rechecked and verified for abnormal cases
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*** End Of Report ***



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