

**REPORT**

Name	: Mr. SHANMUGIAH	Sample ID	: A0934364
Age/Gender	: 64 Years/Male	Reg. No	: 0312409160033
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 16-Sep-2024 12:04 PM
Primary Sample	: Whole Blood	Received On	: 16-Sep-2024 12:47 PM
Sample Tested In	: Serum	Reported On	: 16-Sep-2024 05:35 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>C-Reactive protein-(CRP)</b>	135.6	mg/L	Upto:6.0	Immunoturbidimetry

**Interpretation:**

C-reactive protein (CRP) is produced by the liver. The level of CRP rises when there is inflammation throughout the body. It is one of a group of proteins called acute phase reactants that go up in response to inflammation. The levels of acute phase reactants increase in response to certain inflammatory proteins called cytokines. These proteins are produced by white blood cells during inflammation.

A positive test means you have inflammation in the body. This may be due to a variety of conditions, including:

- Connective tissue disease
- Heart attack
- Infection
- Inflammatory bowel disease (IBD)
- Lupus
- Pneumonia
- Rheumatoid arthritis

\*\*\* End Of Report \*\*\*



*Dr. Vaishnavi*  
**DR.VAISHNAVI**  
**MD BIOCHEMISTRY**

**REPORT**

Name	: Mr. SHANMUGIAH	Sample ID	: A0934366
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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 16-Sep-2024 12:04 PM
Primary Sample	: Whole Blood	Received On	: 16-Sep-2024 12:47 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 16-Sep-2024 04:24 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**HAEMATOLOGY**

Test Name	Results	Units	Ref. Range	Method
<b>Complete Blood Picture(CBP)</b>				
Haemoglobin (Hb)	10.1	g/dL	13-17	Cynmeth Method
Haematocrit (HCT)	29.8	%	40-50	Calculated
RBC Count	4.50	10 <sup>12</sup> /L	4.5-5.5	Cell Impedence
MCV	68	fl	81-101	Calculated
MCH	23.1	pg	27-32	Calculated
MCHC	34.0	g/dL	32.5-34.5	Calculated
RDW-CV	14.9	%	11.6-14.0	Calculated
Platelet Count (PLT)	150	10 <sup>9</sup> /L	150-410	Cell Impedence
Total WBC Count	5.9	10 <sup>9</sup> /L	4.0-10.0	Impedence
<b>Differential Leucocyte Count (DC)</b>				
Neutrophils	70	%	40-70	Cell Impedence
Lymphocytes	20	%	20-40	Cell Impedence
Monocytes	06	%	2-10	Microscopy
Eosinophils	04	%	1-6	Microscopy
Basophils	00	%	1-2	Microscopy
Absolute Neutrophils Count	4.13	10 <sup>9</sup> /L	2.0-7.0	Impedence
Absolute Lymphocyte Count	1.18	10 <sup>9</sup> /L	1.0-3.0	Impedence
Absolute Monocyte Count	0.35	10 <sup>9</sup> /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.24	10 <sup>9</sup> /L	0.02-0.5	Calculated
Absolute Basophil ICount	0.00	10 <sup>9</sup> /L	0.0-0.3	Calculated
Morphology	Anisocytosis With Microcytic Hypochromic			PAPs Staining



Swarnabala - M  
DR.SWARNA BALA  
MD PATHOLOGY

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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 16-Sep-2024 12:04 PM
Primary Sample	: Whole Blood	Received On	: 16-Sep-2024 12:47 PM
Sample Tested In	: Plasma-NaF(R)	Reported On	: 16-Sep-2024 03:06 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**
**GLUCOSE RANDOM (RBS)**

Test Name	Results	Units	Ref. Range	Method
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<b>Glucose Random (RBS)</b>	140	mg/dL	70-140	Hexokinase (HK)
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Interpretation of Plasma Glucose based on ADA guidelines 2018

Diagnosis	Fasting Plasma Glucose(mg/dL)	2hrs Plasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	> = 126	> = 200	> = 6.5	>=200(with symptoms)

Reference: Diabetes care 2018:41(suppl.1):S13-S27

- The random blood glucose if it is above 200 mg/dL and the patient has increased thirst, polyuria, and polyphagia, suggests diabetes mellitus.
- As a rule, two-hour glucose samples will reach the fasting level or it will be in the normal range.

Result rechecked and verified for abnormal cases

\*\*\* End Of Report \*\*\*

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Sample Tested In	: Serum	Reported On	: 16-Sep-2024 06:29 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Kidney Profile-KFT</b>				
Creatinine -Serum	1.17	mg/dL	0.70-1.30	Jaffes Kinetic
Urea-Serum	44.7	mg/dL	17.1-49.2	Calculated
Blood Urea Nitrogen (BUN)	20.87	mg/dL	8.0-23.0	Calculated
BUN / Creatinine Ratio	17.84		6 - 22	
Uric Acid	7.1	mg/dL	3.5-7.2	Uricase
Sodium	142	mmol/L	135-150	ISE Direct
Potassium	3.9	mmol/L	3.5-5.0	ISE Direct
Chloride	98	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.

Correlate Clinically.

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\*\*\* End Of Report \*\*\*



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