

Reg. No.	R2397985	Name	Mr. SURYANARAYAN ARYA	Reg. Date	02/01/2025 07:55
Age	66 Year(s)	Sex	Male	Reported On	02/01/2025 14:39
Ref. By.	DR.PRASANNA KUMAR.K.S (MATRU)	Report Status	Final		
Corporate	NON CORPORATE				

BIOCHEMISTRY TEST REPORT

Test Name	Result	Biological Reference Interval	Sample
FBS & PPBS			
FASTING GLUCOSE Glucose Oxidase peroxidase	176 mg/dl	<100 mg/dl : Normal 100 - 125 mg/dl : Prediabetes >= 126 mg/dl : Diabetes. (By the ADA Recommendation)	Plasma
POST PRANDIAL GLUCOSE Glucose Oxidase peroxidase	294 mg/dl	<140 mg/dl : Normal 140 - 199 mg/dl : Prediabetes >= 200 mg/dl : Diabetes (By the ADA Recommendation)	PP Plasma.

GLYCOSYLATED HEMOGLOBIN- HBA1C WITH MEAN GLUCOSE

GLYCOSYLATED HEMOGLOBIN HBA1C HPLC	10.3 %	Reference Range for the purpose of diagnosis: 4.0 to <5.7% : Normal 5.7% to 6.4% : Prediabetes 6.5% or higher : Diabetes Reference range for monitoring Glycemic control : 4.0 - 6.0 % : Non - Diabetic 6.01 - 7.0 % : Good Control 7.01 - 8.0 % : Fair Control > 8.01 % : Poor Control	EDTA Blood
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MEAN PLASMA GLUCOSE 249 mg/dl
Calculated
Kindly correlate clinically, also with diet and drug history of the patient.



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BIOCHEMISTRY TEST REPORT

Test Name	Result	Biological Reference Interval	Sample
CREATININE Enzymatic - Creatinine Amidohydrolase	1.24 mg/dl	0.66 – 1.25 mg/dl	Serum
LIPID PROFILE			
CHOLESTEROL TOTAL Cholesterol Oxidase	173 mg/dL	Desirable : <200 mg/dL Borderline High : 200 – 239 mg/dL High : >= 240 mg/dL Acc. to the classification scheme in the ATP III guidelines recommended by NCEP	Serum
TRIGLYCERIDE Lip/Glycerol kinase	155 mg/dL	Normal : <150 mg/dL Borderline High : 150 – 199 mg/dL High : 200 – 499 mg/dL Very High : >=500 mg/dL Acc. to the classification scheme in the ATP III guidelines recommended by NCEP.	Serum
CHOLESTEROL HDL Phosphotungstic Acid/MgCl Enzymatic (CHE/CHO/POD)	39 mg/dL	Low : <40.0 mg/dL High : >= 60.0 mg/dL Acc. to the classification scheme in the ATP III guidelines recommended by NCEP.	Serum



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BIOCHEMISTRY TEST REPORT

Test Name	Result	Biological Reference Interval	Sample
LIPID PROFILE			
CHOLESTEROL LDL	103 mg/dL	Optimal: < 100 mg/dL Near to above optimal : 100 - 129 mg/dL Borderline High : 130 - 159 mg/dL High : 160 - 189 mg/dL Very High : >=190 mg/dL Acc. to the classification scheme in the ATP III guidelines recommended by NCEP.	Serum
VLDL Calculated	31 mg/dl	Desirable < 40 mg/dl	Serum
NON HDL CHOLESTEROL Calculated	134 mg/dl	<130 mg/dl	Serum
LDL:HDL RATIO Calculated	2.6	Desirable 0.5 - 3.0 Borderline 3.0 - 6.0 Higher risk >6.0	Serum
CHOL : HDL RATIO Calculated	4.4	Desirable < 4.0 Borderline - 5.0 Higher risk > 6.0	Serum

Method :- Direct Measure Enzymatic
(Two Step CHE/CHO/POD & Catalase).



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BIOCHEMISTRY TEST REPORT

Test Name	Result	Biological Reference Interval	Sample
SGOT/AST Multipoint Rate with pyridoxal-5-phosphate	28 U/L	17 – 59 U/L	Serum
SGPT/ALT Multipoint Rate/UV with pyridoxal-5 phosphate	34 U/L	< 50 U/L	Serum
THYROID STIMULATING HORMONE Enhanced Chemiluminescence (ECLIA)	1.40 μ IU/ml	21 - 54 yrs : 0.40 - 4.20 μ IU/ml >55 yrs : 0.50 - 8.90 μ IU/ml	Serum
URIC ACID Uricase,Peroxidase	6.0 mg/dl	3.50 – 8.50 mg/dl	Serum
<u>ELECTROLYTE</u>			
SODIUM Direct ISE - Potentiometric	136 mmol/L	135 - 145 mmol/L	Heparin
POTASSIUM Direct ISE - Potentiometric	4.61 mmol/L	3.5 - 5.3 mmol/L	Heparin



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BIOCHEMISTRY TEST REPORT

Test Name	Result	Biological Reference Interval	Sample
ELECTROLYTE			
CHLORIDE	102 mmol/L	97 - 110 mmol/L	Heparin
Direct ISE - Potentiometric			

----- End of Report -----

Verified By: PUSHPA B

Sample	Collected Datetime
Serum	02/01/2025 07:58
EDTA Blood	02/01/2025 07:58
Plasma	02/01/2025 07:58
PP Plasma.	02/01/2025 10:15
Heparin	02/01/2025 07:58



Dr.SUMA H R
CONSULTANT BIOCHEMIST
KMC NO. 63106



Reg. No.	R2397985	Name	Mr. SURYANARAYAN ARYA	Reg. Date	02/01/2025 07:55
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HAEMATOLOGY TEST REPORT

Test Name	Result	Biological Reference Interval	Sample
COMPLETE HAEMOGRAM (AUTO ANALYSER)			
HAEMOGLOBIN Sodium Lauryl sulphate	14.6 gm/dl	13.0 - 17.0 gm/dl	EDTA Blood
RED BLOOD COUNT Hydrodynamic DC detection	5.68 mill/cumm	4.5 - 5.5 mill/cumm	EDTA Blood
PCV Hydrodynamic DC detection	46.7 %	40 - 50 %	EDTA Blood
MCV Calculated	82.2 fl	83 - 101 fl	EDTA Blood
MCH Calculated	25.7 pg	27 - 32 pg	EDTA Blood
MCHC Calculated	31.3 gm/dl	31.5 - 34.5 gm/dl	EDTA Blood
RDW -CV Calculated	14.5 %	Upto 15.0 %	EDTA Blood
ESR (Automated, modified Westergren's method) Automated, modified Westergren's method	5 mm/hr	2 - 14 mm/1hr	EDTA Blood
PLATELET COUNT Hydrodynamic DC detection (In case of very low count to repeat with fresh sample for reconfirmation)	1.72 Lac/ μ L	1.5 - 4.1 Lac/ μ L	EDTA Blood
TOTAL WBC COUNT Flow cytometry	8150 cells/cumm	4000 - 10000 cells/cumm	EDTA Blood



MC-6644

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HAEMATOLOGY TEST REPORT

Test Name	Result	Biological Reference Interval	Sample
DIFFERENTIAL COUNT (AUTO ANALYSER / FLOW CYTOMETRY)			
NEUTROPHILS	58.0 %	40 - 75 %	EDTA Blood
LYMPHOCYTES	22.7 %	25 - 40 %	EDTA Blood
EOSINOPHILS	10.1 %	<7%	EDTA Blood
MONOCYTES	8.7 %	02 - 10 %	EDTA Blood
BASOPHILS	0.5 %	00 - 01 %	EDTA Blood

----- End of Report -----

Verified By: KAVYASHREE M

Sample Collected Datetime
EDTA Blood 02/01/2025 07:58



DR SHOBHA H B
CONSULTANT PATHOLOGIST
KMC No. 65515



Reg. No.	R2397985	Name	Mr. SURYANARAYAN ARYA	Reg. Date	02/01/2025 07:55
Age	66 Year(s)	Sex	Male	Reported On	02/01/2025 11:48
Ref. By.	DR.PRASANNA KUMAR.K.S (MATRU)	Report Status	Final		
Corporate	NON CORPORATE				

CLINICAL PATHOLOGY TEST REPORT

Test Name	Result	Biological Reference Interval	Sample
PHYSICAL EXAMINATION OF URINE (Method - MANUAL)			
QUANTITY	45 ml		Urine
COLOUR	Pale Yellow		
APPEARANCE	Clear		
SPECIFIC GRAVITY	1.020	1.003 - 1.030	Urine
Poly Bromothymol Blue indicator			
CHEMICAL EXAMINATION OF URINE (AUTOMATED ANALYSER)			
pH	5.0	4.7 - 7.5	
pH Indicator			
ALBUMIN	Trace	Nil	Urine
Bromophenol blue indicator			
SUGAR	Nil	Nil	Urine
GOD -POD			
KETONES	Negative	Absent	Urine
Sodium nitroprusside			
BILIRUBIN	Negative	Absent	Urine
Dichloroaniline			
NITRITE	Negative	Absent	Urine
Diazo			
UROBILINOGEN	Normal	< 1.0 Eu/dl	Urine
Diazo			



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CLINICAL PATHOLOGY TEST REPORT

Test Name	Result	Biological Reference Interval	Sample
CHEMICAL EXAMINATION OF URINE (AUTOMATED ANALYSER)			
LEUCOCYTES ESTERASE Leucocyte Esterase activity	Negative	Absent	
MICROSCOPICAL EXAMINATION OF URINE (AUTOMATED/MANUAL)			
RBC	00 - 01 /Hpf	1 - 2/Hpf	Urine
EPITHELIAL CELLS	00 - 01 /Hpf	3 - 5/Hpf	Urine
Pus cells	00- 01 /Hpf	2 - 3/Hpf	
CASTS	Not present	Nil to Occ Hyaline cast/Lpf	
CRYSTALS	Not present		
OTHERS	Absent		

----- End of Report -----

Verified By: SHASHIKALA V

Sample Collected Datetime
Urine 02/01/2025 07:58



Shobha H B

DR SHOBHA H B
CONSULTANT PATHOLOGIST
KMC No. 65515

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HAEMATOLOGY TEST REPORT

PERIPHERAL SMEAR (Leishman's staining and Manual microscopy)

RBC's:

Are normocytic normochromic with few microcytes.

WBC's:

Are normal in number with increase in eosinophils.

PLATELETS:

Are adequate.

No hemoparasites / atypical cells seen.

IMPRESSION:

NORMOCYTIC NORMOCHROMIC BLOOD PICTURE WITH EOSINOPHILIA.

Verified By: KAVYASHREE M

----- End of Report -----

Sample

Collected Datetime

EDTA Blood

02/01/2025 07:58



DR SHOBHA H B
CONSULTANT PATHOLOGIST
KMC No. 65515