

## LABORATORY INVESTIGATION REPORT

**Patient Name** : Mr. SRINIVASA RAO KANDIBANDA

**Age/Sex** : 52 Year(s) / Male

**UHID** : KHKK.267920

**Order Date** : 06/03/2023 08:20

**Episode** : OP

**Ref. Doctor** : SELF

**Mobile No** : 9000220575

**DOB** : 01/01/1971

**Address** : HYDERABAD , ,Hyderabad,Telangana ,0

**Facility** : Kamineni Health Services Private Limited

### Hematology

Test	Result	Unit	Reference Range
Sample No : 08H0000993	Collection Date : 06/03/23 08:44	Ack Date : 06/03/2023 09:49	Report Date : 06/03/23 11:07

#### CBP (Complete Blood Picture)

Sample- EDTA

Hemoglobin	14.80	gm/dL	14.0-18.0
<i>Method - Colorimetric</i>			
Packed Cell Volume (PCV)	44.20	Vol%	37 - 54
<i>Method - Electrical Impedence</i>			
RBC Count	4.73	Million/cu mm	3.5 - 5.5
<i>Method - Electrical Impedence</i>			
RDW	13.0	%	12-17
<i>Method - Calculation</i>			
WBC Count	7.83	cells/cum m	4 - 11
<i>Method - Electrical Impedence</i>			
Neutrophils	71.60	%	40-80
Lymphocytes	21.70	%	20-40
Monocytes	4.40	%	2-10
Eosinophils	1.90	%	1-6
Basophils	0.40	%	0-2
Platelet Count	449.00	/Cumm	150 - 450

RBC MORPHOLOGY

Normocytic Normchromic

WBC MORPHOLOGY

Within Normal Limits

PLATELETS MORPHOLOGY

Adequate

#### Erythrocyte Sedimentation Rate (ESR)

Sample- Sodium Citrate Plasma

Erythrocyte Sedimentation Rate (ESR)	30 ▲	mm/hr	0-10
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Report Saved By - DR S.RAVIKIRAN (06/03/2023 11:08 AM)

End of Report

S. Ravikiran

Dr.Sangepu Ravi Kiran

MD Pathologist

RegNo: 00986

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### Blood Bank

Test	Result	Unit	Reference Range
Sample No : 08H0000993	Collection Date : 06/03/23 08:44	Ack Date : 06/03/2023 09:49	Report Date : 06/03/23 11:52

### Blood Grouping & Rh Typing

Sample- EDTA

Blood Grouping

' O '

Rh Typing

POSITIVE

Report Saved By - HARIKRISHNA (06/03/2023 11:38 AM)

End of Report



**Dr.Sangepu Ravi Kiran**

MD Pathologist

RegNo: 00986

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### Clinical Pathology

Test	Result	Unit	Reference Range
Sample No : 08H0000993	Collection Date : 06/03/23 08:44	Ack Date : 06/03/2023 09:49	Report Date : 06/03/23 11:43

#### Complete Urine Examination (CUE)

Sample- Urine

##### Physical Examination

Colour	PALE YELLOW		
<i>Method - Visual</i>			
Appearance	CLEAR		
<i>Method - Visual</i>			
Specific Gravity	1.005	-	1.001-1.035
pH	5.0		4.6 - 7
<i>Method - Reagent Strip</i>			

##### Chemical Examination

Protein	Nil		
Urine Sugar	Nil		Nil
Urine For Ketones	NEGATIVE		
Bilirubin	Negative		0.1-1.0
<i>Method - Modified Jendrassik &amp;Grof's Method</i>			
Urobilinogen	0.2	mg/dl	0.2 - 1
Leucocytes	Nil		0-5
Nitrite	NEGATIVE		
Bile Salts	NEGATIVE		
Bile Pigments	NEGATIVE		
Blood	TRACE		

##### MICROSCOPIC EXAMINATION

Pus Cells	2-3	/HPF	0-5
<i>Method - Light Microscopy</i>			
RBC	1-2	/HPF	
Epithelial Cells	1-2	/HPF	0-5
Casts	NIL		
Crystal	NIL		

Report Saved By - DR S.RAVIKIRAN (06/03/2023 11:43 AM)

End of Report

*S. Ravikiran*

**Dr.Sangepu Ravi Kiran**

MD Pathologist

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### Biochemistry

Test	Result	Unit	Reference Range
Sample No : 08H0000993	Collection Date : 06/03/23 08:44	Ack Date : 06/03/2023 09:49	Report Date : 06/03/23 13:41

#### HbA1c - Glycosylated Hemoglobin

Sample- EDTA

HbA1c - Glycosylated Hemoglobin	5.5	%	Non Diabetic-Less than 6.5 % Diabetic Good control-Less than 7.5 % Fair control-Less than 8.0% Poor control-Greater than 8.0%
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#### Liver Function Test (LFT)

Sample- Serum

Total Bilirubin	0.6	mg/dl	Adults: Up to 1.2 Premature: <24 Hours :<6.0 <48 hours :<12.0 3- 5 Days :<15.0 7 Days :<15.0 Full Term <24 Hours :<6.0 <48 Hours :<10.0 7 Days :<10.0
<i>Method - Modified Jendrassik &amp;Grof's Method</i>			
Direct Bilirubin(Conjugated)	0.2	mg/dl	0 - 0.2
<i>Method - Modified Jendrassik &amp;Grof's Method</i>			
Indirect Bilirubin (Unconjugated)	0.40	mg/dl	0 - 1.2
<i>Method - Calculated</i>			
Aspartate Transaminase AST (SGOT)	19	U/L	5 - 40
<i>Method - IFCC-UV</i>			
ALT - Alanine Transaminase (ALT / SGPT)	16	U/L	5 - 40
<i>Method - IFCC-UV</i>			
Alkaline Phosphatase (ALP)	157	IU/L	<15 Years:<644 15-17 Years:<484 Adults:<54-369
<i>Method - PNPP-DEA METHOD</i>			
Total Protein	7.5	g/dl	6.4 - 8.3
<i>Method - Biuret</i>			
Albumin	4.2	g/dl	3.4 - 4.8

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*Method - BCG*

Globulin 3.303 g/dl 2.5 - 3.5

*Method - Calculated*

A:G Ratio 1.271 - 1.2 - 1.5

*Method - Calculated*

### Total Prostatic Specific Antigen (Total PSA)

*Sample- Serum*

Total Prostatic Specific Antigen (Total PSA) 1.10 ng/ml

Age <40: upto 1.3 ng/mL  
 Age: 41-50 upto 2.0 ng/mL  
 Age: 51-60 upto 3.0 ng/mL  
 Age: 61-70 upto 4.0 ng/mL  
 Age >70: upto 4.5 ng/mL

*Method - Chemiluminescence Immunoassay*

### Uric Acid

*Sample- Serum*

Uric Acid 4.6 mg/dl 3.4-7.0

*Method - Uricase Enzymatic*

### Renal Function Test (RFT)

*Sample- Serum*

Urea 16 mg/dl 15 - 45

*Method - UREASE-GLDH*

Creatinine 1.0 mg/dl 0.6 - 1.5

*Method - Modified Jaffe's Method*

Sodium 141 mmol/L 136 - 145

*Method - Direct Ion Selective Electrode*

Potassium 4.7 mmol/L 3.5 - 5

*Method - Direct Ion Selective Electrode*

### Lipid Profile

*Sample- Serum*

Cholesterol **232 ▲** mg/dl 60 - 200

*Method - CHOD-POD*

Triglycerides **289 ▲** mg/dl 60 - 150

*Method - Calculation*

HDL Cholesterol 45 mg/dl 40 - 60

*Method - Direct Enzymatic*

LDL Cholesterol **129.2 ▲** mg/dl 20 - 100

*Method - Calculation*

VLDL Cholesterol **57.8 ▲** mg/dl 5 - 30

*Method - Calculation*

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Chol/HDL Ratio

5.16

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### Glucose -Fasting + Post Prandial

Sample- Plasma

Glucose - Fasting

107

mg/dl

Normal - less than 100 mg/dL  
Impaired Glucose Tolerance 101 to 125mg/dL  
(Advised OGTT for further Confirmation)  
Diabetes Melitus 126 mg/dL

Method - GOD-POD

Glucose - Post Prandial

123

mg/dl

Normal-less than 140mg/dL  
Impaired Glucose  
Tolerance 141 to 199 mg/dL  
(Advised OGTT for further Confirmation)  
Diabetes Melitus >200 mg/dl

Method - GOD-POD

Report Saved By - DURGA (06/03/2023 13:43 PM)

End of Report



**Dr.Sadik Ali Mohammad**

Consultant Biochemistry

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