

**DEPARTMENT OF LABORATORY MEDICINE**

<b>MRN</b>	: 20060000019881	<b>Department</b>	: FAMILY MEDICINE
<b>Name</b>	: Mr JAYAKRISHNAN K R	<b>Specimen</b>	: SERUM
<b>Age / Sex</b>	: 33 Year(s) / Male	<b>Visit Type</b>	: OP
<b>Sample No</b>	: I02207090122	<b>Collected On</b>	: 09/07/2022 09:06 AM
<b>Consulting DR</b>	: Dr.Santosh K M	<b>Referred DR</b>	: Dr.Santosh K M
<b>Patient Address</b>	: 104/1, SITE NO. 2, SHIKARIPALYA Karnataka,IN	<b>Received On</b>	: 09/07/2022 09:54 AM
		<b>Reported On</b>	: 09/07/2022 10:42 AM
		<b>Report Type</b>	: Final

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
BLOOD UREA NITROGEN (BUN) - Endpoint/Colorimetric – Urease	<b>8</b> L	mg/dL	9.0-20.0
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	92	mg/dL	Normal: 70-99 Pre-diabetes: 100-125 Diabetes: >= 126 ADA standards 2020
URIC ACID - Colorimetric - Uricase,Peroxidase	7.2	mg/dL	3.50-8.50

Requested. Kindly correlate with clinical findings.



Mrs. Latha B S. M.Sc., M.Phil.  
Consultant Biochemist

These tests are auto-approved





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<b>MRN</b>	: 20060000019881	<b>Department</b>	: FAMILY MEDICINE
<b>Name</b>	: Mr JAYAKRISHNAN K R	<b>Specimen</b>	: PLASMA
<b>Age / Sex</b>	: 33 Year(s) / Male	<b>Visit Type</b>	: OP
<b>Sample No</b>	: I02207090249	<b>Collected On</b>	: 09/07/2022 12:10 PM
<b>Consulting DR</b>	: Dr.Santosh K M	<b>Referred DR</b>	: Dr.Santosh K M
<b>Patient Address</b>	: 104/1, SITE NO. 2, SHIKARIPALYA Karnataka,IN	<b>Received On</b>	: 09/07/2022 12:51 PM
		<b>Reported On</b>	: 09/07/2022 02:27 PM
		<b>Report Type</b>	: Final

Test	Result	Unit	Biological Reference Interval
POST PRANDIAL BLOOD SUGAR (PPBS) - Colorimetric - Glucose Oxidase peroxidase	86	mg/dL	Normal: 70-139 Pre-diabetes: 140-199 Diabetes: >= 200 ADA standards 2020

Requested. Kindly correlate with clinical findings.

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Report

**DEPARTMENT OF LABORATORY MEDICINE**


**MRN** : 20060000019881 **Department** : FAMILY MEDICINE  
**Name** : Mr JAYAKRISHNAN K R **Specimen** : WHOLE BLOOD  
**Age / Sex** : 33 Year(s) / Male **Visit Type** : OP  
**Sample No** : I02207090123 **Collected On** : 09/07/2022 09:06 AM  
**Consulting DR** : Dr.Santosh K M **Referred DR** : Dr.Santosh K M  
**Patient Address** : 104/1, SITE NO. 2, SHIKARIPALYA **Received On** : 09/07/2022 09:54 AM  
Karnataka,IN **Reported On** : 09/07/2022 12:08 PM  
**Report Type** : Final

Test	Result	Unit	Biological Reference Interval
<b>HbA1c</b>			
HbA1c - (HPLC NGSP Certified)	5.5	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: $\geq$ 6.5 ADA standards 2020
Estimated Average Glucose	111.15	.	

Report relates to sample tested. Kindly correlate with clinical findings.

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Mrs. Latha B S. M.Sc., M.Phil,  
Consultant Biochemist



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<b>Name</b>	: Mr JAYAKRISHNAN K R	<b>Specimen</b>	: SERUM
<b>Age / Sex</b>	: 33 Year(s) / Male	<b>Visit Type</b>	: OP
<b>Sample No</b>	: I02207090122	<b>Collected On</b>	: 09/07/2022 09:06 AM
<b>Consulting DR</b>	: Dr.Santosh K M	<b>Referred DR</b>	: Dr.Santosh K M
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Test	Result	Unit	Biological Reference Interval
<b>LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)</b>			
CHOLESTEROL TOTAL - Colorimetric - Cholesterol Oxidase	<b>307</b> H	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
TRIGLYCERIDES - LPL/GK	<b>244</b> H	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL CHOLESTROL (HDLC) - Colorimetric: Non HDL precipitation phosphotungstic acid method	42	mg/dL	40-60
NON-HDL CHOLESTEROL	<b>265</b> H	mg/dl	Desirable: < 130 Above Desirable: 130-159 Borderline High: 160-189 High: 190-219 Very High: >= 220
LDL CHOLESTEROL - Colorimetric Method	<b>229</b> H	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL CHOLESTEROL - Calculated	<b>48.80</b> H	mg/dL	0-40
CHOLESTEROL /HDL RATIO - Calculated	<b>7.31</b> H		0.0-5.0

Dr. Iyshwarya U  
Associate Consultant  
MD Biochemistry




Report relates to sample tested. Kindly correlate with clinical findings.

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<b>Name</b>	: Mr JAYAKRISHNAN K R	<b>Specimen</b>	: SERUM
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<b>Sample No</b>	: I02207090122	<b>Collected On</b>	: 09/07/2022 09:06 AM
<b>Consulting DR</b>	: Dr.Santosh K M	<b>Referred DR</b>	: Dr.Santosh K M
<b>Patient Address</b>	: 104/1, SITE NO. 2, SHIKARIPALYA Karnataka,IN	<b>Received On</b>	: 09/07/2022 09:54 AM
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		<b>Report Type</b>	: Final

Test	Result	Unit	Biological Reference Interval
<b>LIVER FUNCTION TEST(LFT)</b>			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	0.57	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	0.10	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	0.47	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	7.70	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	4.80	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.90	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	1.66		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	37	U/L	17-59
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	45	U/L	< 50
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro phenyl Phosphate, AMP buffer	97	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide ( Szasz Method)	41	U/L	15-73

Notes : Indirect Bilirubin result is a calculated parameter (Indirect Bilirubin = Total Bilirubin - Direct Bilirubin). Indirect bilirubin result includes the delta bilirubin fraction also. Delta Bilirubin is the bilirubin which is covalently bound to albumin. Delta Bilirubin is not expected to be present in healthy adults or neonates.



Mrs. Latha B S. M.Sc., M.Phil.  
Consultant Biochemist

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<b>Age / Sex</b>	: 33 Year(s) / Male	<b>Visit Type</b>	: OP
<b>Sample No</b>	: I02207090122	<b>Collected On</b>	: 09/07/2022 09:06 AM
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		<b>Report Type</b>	: Final

Test	Result	Unit	Biological Reference Interval
<b>SERUM CREATININE</b>			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	1.22	mg/dl	0.66-1.25
eGFR - Calculated	67.74	mL/min/1.73 m <sup>2</sup>	Indicative of renal impairment : < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.

Requested. Kindly correlate with clinical findings.



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Consultant Biochemist

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<b>Age / Sex</b>	: 33 Year(s) / Male	<b>Visit Type</b>	: OP
<b>Sample No</b>	: I02207090122	<b>Collected On</b>	: 09/07/2022 09:06 AM
<b>Consulting DR</b>	: Dr.Santosh K M	<b>Referred DR</b>	: Dr.Santosh K M
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		<b>Report Type</b>	: Final

Test	Result	Unit	Biological Reference Interval
<b>THYROID PROFILE (T3, T4, TSH)</b> Enhanced chemiluminescence			
TRI IODO THYRONINE (T3)	1.22	ng/mL	0.97-1.69
THYROXINE (T4)	9.3	µg/dl	5.53-11.0
TSH (THYROID STIMULATING HORMONE)	1.646	µIU/mL	0.400-4.049

Report relates to sample tested. Kindly correlate with clinical findings.





Dr. Iyshwarya U  
Associate Consultant  
MD Biochemistry





**DEPARTMENT OF LABORATORY MEDICINE**

**MRN** : 20060000019881  
**Name** : Mr JAYAKRISHNAN K R  
**Age / Sex** : 33 Year(s) / Male  
**Sample No** : II2207090004  
**Consulting DR** : Dr.Santosh K M  
**Patient Address** : 104/1, SITE NO. 2, SHIKARIPALYA  
 Karnataka,IN

**Department** : FAMILY MEDICINE  
**Specimen** : WHOLE BLOOD  
**Visit Type** : OP  
**Collected On** : 09/07/2022 09:06 AM  
**Referred DR** : Dr.Santosh K M  
**Received On** : 09/07/2022 10:06 AM  
**Reported On** : 09/07/2022 10:15 AM  
**Report Type** : Final

**BLOOD BANK**

Test	Result	Unit	Biological Reference Interval
<b>BLOOD GROUP &amp; RH TYPING</b>			
Blood Group	A		
Rh Typing	POS		

*Dr. Prathip Kumar B.R.*

Dr. Prathip Kumar B RCONSULTANT







**DEPARTMENT OF LABORATORY MEDICINE**

<b>MRN</b>	: 20060000019881	<b>Department</b>	: FAMILY MEDICINE
<b>Name</b>	: Mr JAYAKRISHNAN K R	<b>Specimen</b>	: URINE
<b>Age / Sex</b>	: 33 Year(s) / Male	<b>Visit Type</b>	: OP
<b>Sample No</b>	: I62207090057	<b>Collected On</b>	: 09/07/2022 09:06 AM
<b>Consulting DR</b>	: Dr.Santosh K M	<b>Referred DR</b>	: Dr.Santosh K M
<b>Patient Address</b>	: 104/1, SITE NO. 2, SHIKARIPALYA Karnataka,IN	<b>Received On</b>	: 09/07/2022 09:49 AM
		<b>Reported On</b>	: 09/07/2022 10:29 AM
		<b>Report Type</b>	: Final

**CLINICAL PATHOLOGY**

Test	Result	Unit	Biological Reference Interval
URINE FOR SUGAR (FASTING)	Negative		

Report relates to sample tested. Kindly correlate with clinical findings.

Dr. Sudarshan Chougule  
Consultant Head  
MD Haematology, Flow Cytometry





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<b>MRN</b>	: 20060000019881	<b>Department</b>	: FAMILY MEDICINE
<b>Name</b>	: Mr JAYAKRISHNAN K R	<b>Specimen</b>	: URINE
<b>Age / Sex</b>	: 33 Year(s) / Male	<b>Visit Type</b>	: OP
<b>Sample No</b>	: I62207090111	<b>Collected On</b>	: 09/07/2022 12:10 PM
<b>Consulting DR</b>	: Dr.Santosh K M	<b>Referred DR</b>	: Dr.Santosh K M
<b>Patient Address</b>	: 104/1, SITE NO. 2, SHIKARIPALYA Karnataka,IN	<b>Received On</b>	: 09/07/2022 12:42 PM
		<b>Reported On</b>	: 09/07/2022 01:20 PM
		<b>Report Type</b>	: Final

Test	Result	Unit	Biological Reference Interval
URINE FOR SUGAR (POST PRANDIAL)	Negative		

Report relates to sample tested. Kindly correlate with clinical findings.



*Hema S*

Dr. Hema S  
Associate Consultant,  
DNB,MD Hematology



DEPARTMENT OF LABORATORY MEDICINE

MRN : 20060000019881  
 Name : Mr JAYAKRISHNAN K R  
 Age / Sex : 33 Year(s) / Male  
 Sample No : I62207090057  
 Consulting DR : Dr.Santosh K M  
 Patient Address : 104/1, SITE NO. 2, SHIKARIPALYA  
 Karnataka,IN

Department : FAMILY MEDICINE  
 Specimen : URINE  
 Visit Type : OP  
 Collected On : 09/07/2022 09:06 AM  
 Referred DR : Dr.Santosh K M  
 Received On : 09/07/2022 09:49 AM  
 Reported On : 09/07/2022 10:29 AM  
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
<b>URINE ROUTINE &amp; MICROSCOPY</b>			
<b>PHYSICAL EXAMINATION(Manual Method)</b>			
Volume	25	ml	
Colour	Pale yellow		
Appearance	Clear		
Sp. Gravity - Automated	1.025		1.002-1.03
<b>CHEMICAL EXAMINATION(Automated Dipstick Method)</b>			
pH(REACTION) - pH indicator method	6.5		4.8-7.5
Protein ,Error of indicators	Negative		
Urine Glucose - GOD/POD	Negative	.	
Ketone Bodies ,Rothers's principle	Negative		
Sp. Gravity - Automated	1.025		1.002-1.03
Bile Salts ,Diazo reaction	Negative		
Bile Pigment (Bilirubin) ,Diazo reaction	Negative		
Urobilinogen ,Modified Ehrlich's reaction	Normal		
Blood Urine ,Peroxidase reaction	Negative		
Urine Leucocyte Esterase ,Esterase reaction with pyrrole compound	Negative		
Nitrite ,Reaction with diazonium compound	Negative		

*Sudarshan Chougule*

Dr. Sudarshan Chougule  
 Consultant Head  
 MD Haematology, Flow Cytometry





**DEPARTMENT OF LABORATORY MEDICINE**

<b>MRN</b>	: 20060000019881	<b>Department</b>	: FAMILY MEDICINE
<b>Name</b>	: Mr JAYAKRISHNAN K R	<b>Specimen</b>	: URINE
<b>Age / Sex</b>	: 33 Year(s) / Male	<b>Visit Type</b>	: OP
<b>Sample No</b>	: I62207090057	<b>Collected On</b>	: 09/07/2022 09:06 AM
<b>Consulting DR</b>	: Dr.Santosh K M	<b>Referred DR</b>	: Dr.Santosh K M
<b>Patient Address</b>	: 104/1, SITE NO. 2, SHIKARIPALYA Karnataka,IN	<b>Received On</b>	: 09/07/2022 09:49 AM
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		<b>Report Type</b>	: Final

Test	Result	Unit	Biological Reference Interval
<b>MICROSCOPIC EXAMINATION</b>			
Pus Cells	3-4/hpf	/HPF	0-2
Epithelial Cells	<b>1-2/hpf L</b>	/HPF	2-3

Report relates to sample tested. Kindly correlate with clinical findings.

Dr. Sudarshan Chougule  
Consultant Head  
MD Haematology, Flow Cytometry



DEPARTMENT OF LABORATORY MEDICINE

MRN : 20060000019881  
Name : Mr JAYAKRISHNAN K R  
Age / Sex : 33 Year(s) / Male  
Sample No : I32207090062  
Consulting DR : Dr.Santosh K M  
Patient Address : 104/1, SITE NO. 2, SHIKARIPALYA  
Karnataka,IN

Department : FAMILY MEDICINE  
Specimen : WHOLE BLOOD ESR  
Visit Type : OP  
Collected On : 09/07/2022 09:06 AM  
Referred DR : Dr.Santosh K M  
Received On : 09/07/2022 09:54 AM  
Reported On : 09/07/2022 11:21 AM  
Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
ERYTHROCYTE SEDIMENTATION RATE (ESR) - Westergren Method	6.00	mm/hr	0-10

Report relates to sample tested. Kindly correlate with clinical findings.



Shalini

Dr. Shalini K S  
Junior Consultant  
DCP, DNB Haematology



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 20060000019881	Department	: FAMILY MEDICINE
Name	: Mr JAYAKRISHNAN K R	Specimen	: WHOLE BLOOD
Age / Sex	: 33 Year(s) / Male	Visit Type	: OP
Sample No	: I32207090063	Collected On	: 09/07/2022 09:06 AM
Consulting DR	: Dr.Santosh K M	Referred DR	: Dr.Santosh K M
Patient Address	: 104/1, SITE NO. 2, SHIKARIPALYA Karnataka,IN	Received On	: 09/07/2022 09:54 AM
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		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
<b>COMPLETE BLOOD COUNT (CBC)</b>			
HAEMOGLOBIN (Hb%) - Photometric Measurement	15.70	g/dL	13.0-17.0
RED BLOOD CELL COUNT - Electrical Impedance	5.33	millions/ $\mu$ L	4.5-5.5
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	47.6	%	40.0-50.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	89.3	fl	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	29.40	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	33.00	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	13.80	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	312	Thousand / $\mu$ L	150-450
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	7.5	Thousand / $\mu$ L	4.0-10.0
<b>DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy</b>			
Neutrophils	56.3	%	40-75
Lymphocytes	36.1	%	20-40
Monocytes	6.2	%	2-10
Eosinophils	1.0	%	1-6
Basophils	0.4	%	0-2

*Hema S*

Dr. Hema S  
Associate Consultant,  
DNB,MD Hematology





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Karnataka,IN

**Department** : FAMILY MEDICINE  
**Specimen** :  
**Visit Type** : OP  
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**Referred DR** : Dr.Santosh K M  
**Received On** :  
**Reported On** :  
**Report Type** :

**Note:**  
Abnormal results are highlighted.  
Results relate to the sample only.  
Kindly correlate clinically.

-- End of Report --

