

OP CASESHEET

Patient MRN : 40010000014064
Patient Name : Mr Mageshwaran R
Sex/Age : Male , 31y 9m
Address : Krishnagiri, Krishnagiri, Tamil Nadu,
India, 635001
Visit Number : OP-001
Consultation Type : OP, New Visit
Mobile Number : 9965395579

Date : 11/03/2023 08:20 PM
Department : CARDIOLOGY - ADULT
Consultant : Dr. Manjunath Babu R
Ref. Hospital : -
Ref. Doctor : -
Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

VITALS

BP (mmHg) : 110/64 Heart Rate(bpm) : 88 Temp (*F) :
Height (cm) : Weight (kg) : 55.05 BMI :
Respiratory Rate(brpm) : Fall-Score : Pain Score :
SP3 - 96%

CHIEF COMPLAINTS AND HPI

Dr. Asthina (+) / HPI / DM

GENERAL EXAMINATION

Allergies : Known/Unknown
Body Habitus: : Cachectic/ Thin Built/ Average Built/ Obese/ Normal
Pertinent Family History : Negative/ Unknown
Psychological Assessment: : Normal/Any Psychological Problem

SYSTEMIC EXAMINATION

*For spec. clump
com*

NUTRITIONAL ASSESSMENT

INVESTIGATIONS

(Tuv) com

TREATMENT SUGGESTED

REVIEW ON

Generated By : Hari Krishnan Murugan(364239) Generated On : 11/03/2023 05:46 PM
One free consultation with the same doctor within next 6 days



2023031118112113

2023-03-11 18:11:11

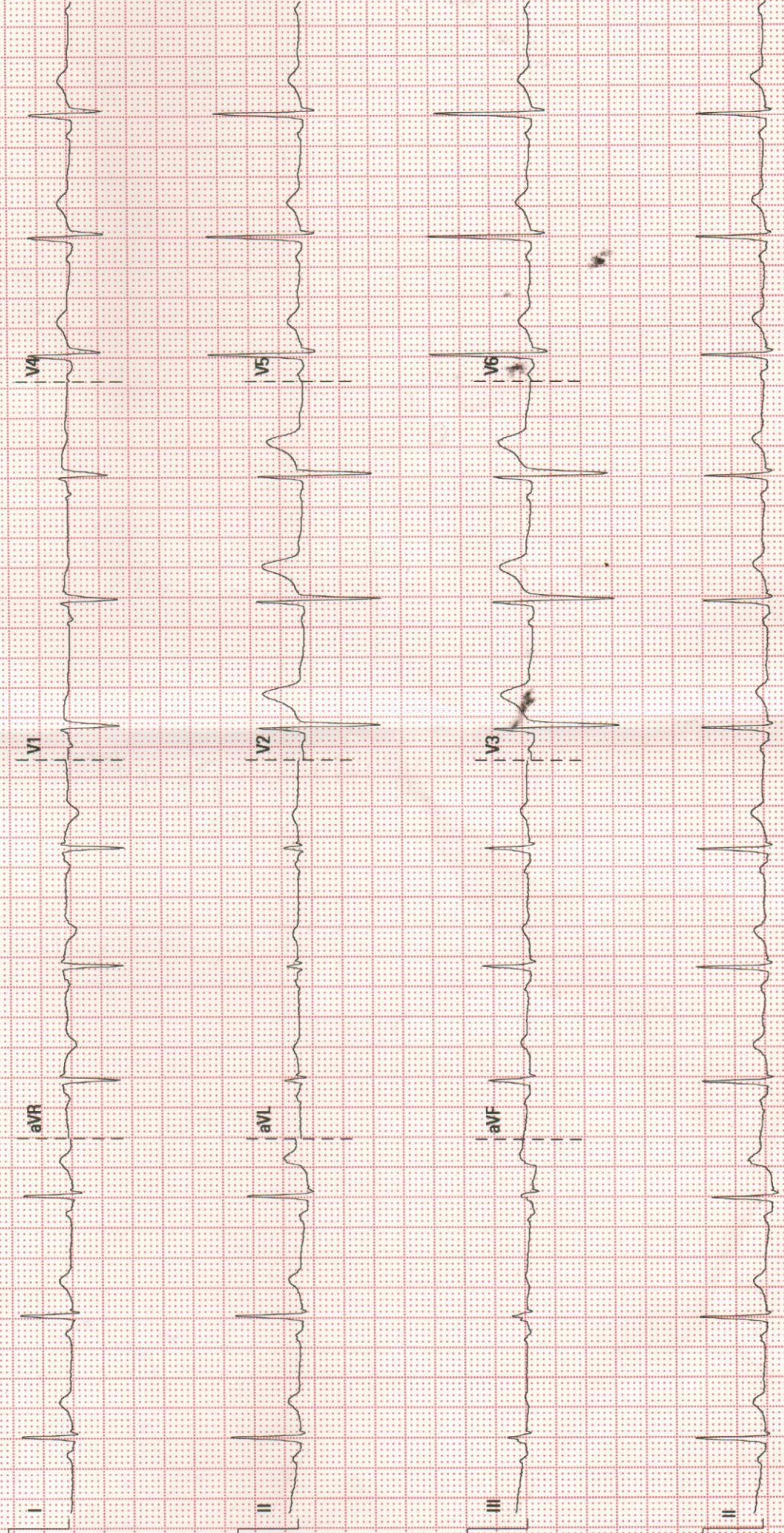
Name: *Mr. Mageshwaran*
Age: *37y/m*
Gender: *M*

Vent. Ref
PR Interval
QRS Duration
QT/QTc Interval
P/QRS/T Axes
QTcHodges

75 bpm
136 ms
88 ms
366/392 ms
41/44/38 deg

Sinus rhythm
Interpretation made without knowing patient's gender/age
Normal ECG

Unconfirmed Diagnosis



D-11/3/23

25 mm/s

10 mm/mV

50 Hz

BDR 35 Hz

NH HOSUR CLINIC

02.07.00/428.4.1

SN-FN-79009482

COLOUR DOPPLER ECHOCARDIOGRAPHY REPORT

NAME : Mr. Maheswaran.R

AGE /SEX: 31Y/Male

ID NO : 14064

DATE: 11/03/2023

REF. BY: Dr.EHC

MEASUREMENTS

AO : 27 mm

LVID (d) : 38 mm

IVS (d) : 09 mm

LA : 28 mm

LVID (s) : 21 mm

PW (d) : 09 mm

EF : 60%

ESV : 21 ml

EDV : 67 ml

VALVES

MITRAL VALVE : Normal

AORTIC VALVE : Normal

TRICUSPID VALVE : Normal

PULMONARY VALVE : Normal

CHAMBERS

LEFT ATRIUM : Normal Sized

RIGHT ATRIUM : Normal Sized, 28 mm

LEFT VENTRICLE : Normal Sized, Normal LV Systolic Function

RIGHT VENTRICLE : Normal Sized, 26mm, TAPSE – 19 mm, Normal RV Function

SEPTAE

IVS : Intact

IAS : Intact

GREAT ARTERIES

AORTA : Annulus-19mm, Ascending Aorta -25mm, Normal Sized,
Normal Arch

PULMONARY : Normal

DOPPLER DATA

MITRAL VALVE : E/A-0.6/0.5m/s, MR-Trivial

AORTIC VALVE : Peak Gradient-3 mmHg, AR-Trivial

TRICUSPID VALVE : TR- Trivial, PASP-26mmHg

PULMONARY VALVE : Peak gradient -4mmHg

WALL MOTION ABNORMALITIES: No R W M A

PERICARDIUM : Nil

VEGETATION / THROMBUS : Nil

OTHER FINDING:

IVC-13mm, Normal Sized, Collapsing well, Normal RA Pressure

FINALING DIAGNOSIS :

- NORMAL CHAMBER DIMENSIONS
- NORMAL VALVES
- NORMAL PA PRESSURE
- NO R W M A
- NORMAL LV SYSTOLIC FUNCTION
- LVEF-60%

Done By: Ms.Gunavalli
Cardiac Sonographer


Signature

Patient name	Mr MAGESHWARAN R	Patient ID	40010000014064
Age	31years	Sex	Male
Referring doctor	EHP Medi-wheel	Date	10.03.2023

ULTRASOUND ABDOMEN AND PELVIS

Findings

Liver is normal in size (11cm) and echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions. **Portal vein** is normal in size, course and caliber. **CBD** is not dilated.

Gall bladder is normal without evidence of calculi, wall thickening or pericholecystic fluid.

Pancreas- visualized part of the pancreatic head and body appears normal in size, contour and echogenicity. Rest of the pancreas is obscured by bowel gas.

Spleen is normal in size, shape, contour and echopattern. No evidence of mass or focal lesions.

Right Kidney is normal in size (9.2 x 4.5cm), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Left Kidney is normal in size (9.1 x 5.2cm), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Retroperitoneum – Obscured by bowel gas.

Urinary Bladder is well distended. Wall thickness is normal. No evidence of calculi, mass or mural lesion.

Prostate is normal in echopattern and size, measures ~ 12cc.

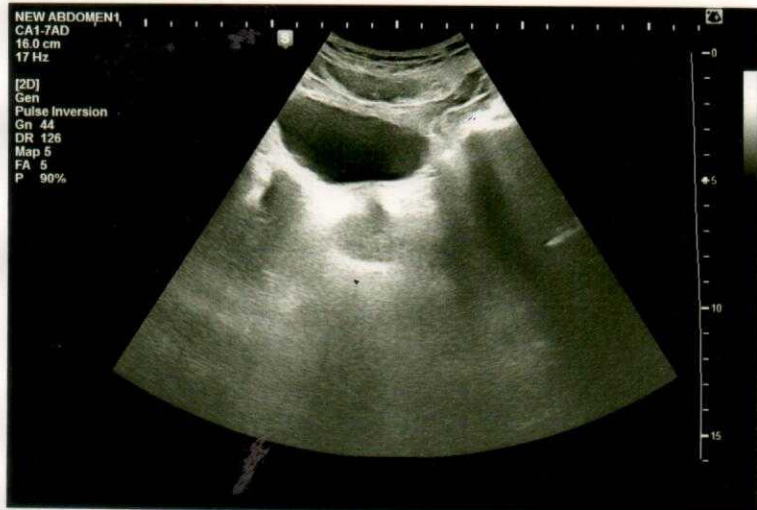
Fluid - There is no ascites or pleural effusion.
No mass / collection in RIF /LIF.

Visualized bowel loops appear normal in caliber and peristalsis. No abnormal dilatation / wall thickening noted.

IMPRESSION:

- No obvious sonological abnormality detected.

DR. MOURISH. A. MBBS., MDRD.,
Consultant Radiologist.
Reg no:106564



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

Collected On : 11/03/2023 11:46 AM Received On : 11/03/2023 12:47 PM Reported On : 11/03/2023 03:20 PM

Barcode : 012303111527 Specimen : Plasma Consultant : Dr. Manjunath Babu R(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9965395579

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Colorimetric - Glucose Oxidase Peroxidase)	75	mg/dL	70 to 139 : Normal 140 to 199 : Pre-diabetes =>200 : Diabetes ADA standards 2020

--End of Report--

Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry

Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

Note

- Abnormal results are highlighted.
 - Results relate to the sample only.
 - Kindly correlate clinically.
- (Post Prandial Blood Sugar (PPBS) -> Auto Authorized)



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

Collected On : 11/03/2023 11:46 AM Received On : 11/03/2023 12:47 PM Reported On : 11/03/2023 01:44 PM

Barcode : 022303110776 Specimen : Whole Blood Consultant : Dr. Manjunath Babu R(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9965395579

HEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	15.5	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	5.39	million/ μ l	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	46.8	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived)	86.8	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	28.8	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.2	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	13.9	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	304	$10^3/\mu$ L	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	5.5	$10^3/\mu$ L	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCS Technology Plus Microscopy)	46.4	%	40.0-75.0
Lymphocytes (VCS Technology Plus Microscopy)	42.6 H	%	20.0-40.0
Monocytes (VCS Technology Plus Microscopy)	7.1	%	2.0-10.0
Eosinophils (VCS Technology Plus Microscopy)	3.6	%	1.0-6.0
Basophils (VCS Technology Plus Microscopy)	0.3	%	0.0-2.0

Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

Absolute Neutrophil Count (Calculated)	2.56	$\times 10^3$ cells/ μ l	2.0-7.0
Absolute Lymphocyte Count (Calculated)	2.35	$\times 10^3$ cells/ μ l	1.0-3.0
Absolute Monocyte Count (Calculated)	0.4	$\times 10^3$ cells/ μ l	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.2	$\times 10^3$ cells/ μ l	0.02-0.5
Absolute Basophil Count (Calculated)	0.02	-	-

As per the recommendation of International Council for Standardization in Hematology, the differential counts are additionally being reported as absolute numbers.

Interpretation Notes

- Haemoglobin , RBC Count and PCV: If below reference range, indicates Anemia. Further evaluation is suggested .
RBC Indices aid in typing of anemia.
WBC Count: If below reference range, susceptibility to infection.
If above reference range- Infection*
If very high in lakhs-Leukemia
Neutrophils -If above reference range-acute infection, mostly bacterial
Lymphocytes -If above reference range-chronic infection/ viral infection
Monocytes -If above reference range- TB,Typhoid,UTI
Eosinophils -If above reference range -Allergy,cough,Common cold,Asthma & worms
Basophils - If above reference range, Leukemia, allergy
Platelets: If below reference range- bleeding disorder, Dengue, drug- induced, malignancies
* In bacterial infection with fever total WBC count increases.
Eg Tonsillitis,Sinusitis,Bronchitis,Pneumonia,Appendicitis,UTI -12000-25000 cells/cumm.
In typhoid and viral fever WBC may be normal.
DISCLAIMER:All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert.

--End of Report-



Dr. Hema S
MD, DNB, Pathology
Associate Consultant

Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

Collected On : 11/03/2023 11:46 AM Received On : 11/03/2023 12:47 PM Reported On : 11/03/2023 02:23 PM

Barcode : 022303110777 Specimen : Whole Blood - ESR Consultant : Dr. Manjunath Babu R(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9965395579

HEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	5	mm/1hr	0.0-10.0

Interpretation Notes

- ESR high - Infections, chronic disorders,, plasma cell dyscrasias.
- DISCLAIMER:All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert**

--End of Report-

Hema S

Dr. Hema S
MD, DNB, Pathology
Associate Consultant

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- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

Collected On : 11/03/2023 11:46 AM Received On : 11/03/2023 12:51 PM Reported On : 11/03/2023 02:18 PM

Barcode : 032303110286 Specimen : Urine Consultant : Dr. Manjunath Babu R(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9965395579

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY**PHYSICAL EXAMINATION**

Colour	Yellow	-	-
Appearance	Clear	-	-

CHEMICAL EXAMINATION

pH(Reaction) (pH Indicator Method)	7.5	-	4.5-7.5
Sp. Gravity (Refractive Index)	1.007	-	1.002 - 1.030
Protein (Automated Protein Error Or Ph Indicator)	Not Present	-	Not Present
Urine Glucose (Enzyme Method (GOD POD))	Not Present	-	Not Present
Ketone Bodies (Nitroprusside Method)	Not Present	-	Not Present
Bile Salts (Azo Coupling Method)	Not Present	-	Not Present
Bile Pigment (Bilirubin) (Azo Coupling Method)	Not Present	-	Not Present
Urobilinogen (Azo Coupling Method)	Normal	-	Normal
Urine Leucocyte Esterase (Measurement Of Leukocyte Esterase Activity)	Not Present	-	Not Present
Blood Urine (Peroxidase Reaction)	Not Present	-	Not Present
Nitrite (Gries Method)	Not Present	-	Not Present

MICROSCOPIC EXAMINATION

Pus Cells	0.3	/hpf	0-5
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Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

RBC	0.0	/hpf	0-4
Epithelial Cells	0.0	/hpf	0-6
Crystals	0.0	/hpf	0-2
Casts	0.00	/hpf	0-1
Bacteria	0.0	/hpf	0-200
Yeast Cells	0.1	/hpf	0-1
Mucus	Not Present	-	Not Present

--End of Report--



Dr. Sudarshan Chougule
MBBS, MD, Pathology
Consultant & Head - Hematology & Flow Cytometry

Note

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- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

Collected On : 11/03/2023 11:46 AM Received On : 11/03/2023 12:50 PM Reported On : 11/03/2023 01:53 PM

Barcode : 032303110287 Specimen : Stool Consultant : Dr. Manjunath Babu R(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9965395579

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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STOOL ROUTINE EXAMINATION**PHYSICAL EXAMINATION**

Colour	Brownish	-	-
Consistency	Semi Solid	-	-
Mucus	Absent	-	-

CHEMICAL EXAMINATION

Stool For Occult Blood (Standard Guaiac Method)	Negative	-	-
Reaction	Alkaline	-	-

MICROSCOPE EXAMINATION

Ova	Not Seen	-	-
Cyst Of Protozoa	Not Seen	-	-
Pus Cells	2-4	/hpf	0-5

--End of Report--

Dr. Sudarshan Chougule

MBBS, MD, Pathology

Consultant & Head - Hematology & Flow Cytometry

Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

Note

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- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

Collected On : 11/03/2023 11:46 AM Received On : 11/03/2023 12:47 PM Reported On : 11/03/2023 03:25 PM

Barcode : 012303111526 Specimen : Serum Consultant : Dr. Manjunath Babu R(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9965395579

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.95	mg/dL	0.66-1.25
eGFR (Calculated)	92.5	mL/min/1.73m ²	Indicative of renal impairment < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric – Urease)	14	mg/dL	9.0-20.0
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	6.0	mg/dL	3.5-8.5
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	144	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	139	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	29 L	mg/dL	40.0-60.0
Non-HDL Cholesterol (Calculated)	115.0	mg/dL	Desirable: < 130 Above Desirable: 130-159 Borderline High: 160-189 High: 190-219 Very High: => 220
LDL Cholesterol (Colorimetric)	94 L	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	27.8	mg/dL	0.0-40.0

Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

Cholesterol /HDL Ratio (Calculated)	5.0	-	0.0-5.0
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LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric -Diazo Method)	0.40	mg/dL	0.2-1.3
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Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.10	mg/dL	0.0-0.3
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Unconjugated Bilirubin (Indirect) (Calculated)	0.31	mg/dL	0.0-1.1
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Total Protein (Colorimetric - Biuret Method)	7.10	gm/dL	6.3-8.2
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Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.30	gm/dL	3.5-5.0
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Serum Globulin (Calculated)	2.8	gm/dL	2.0-3.5
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Albumin To Globulin (A/G)Ratio (Calculated)	1.54	-	1.0-2.1
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SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	33	U/L	17.0-59.0
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SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	28	U/L	<50.0
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Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	68	U/L	38.0-126.0
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Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	20	U/L	15.0-73.0
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Interpretation 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.

THYROID PROFILE (T3, T4, TSH)

Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence)	1.44	ng/mL	0.97-1.69
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Thyroxine (T4) (Enhanced Chemiluminescence)	9.24	µg/dl	5.53-11.0
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Patient Name : Mr Mageshwaran R MRN : 40010000014064 Gender/Age : MALE , 31y (04/06/1991)

TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence) 1.123 μ IU/mL 0.4-4.049

--End of Report--



Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry



Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

Note

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- Results relate to the sample only.
- Kindly correlate clinically.
(Lipid Profile, -> Auto Authorized)
(CR, -> Auto Authorized)
(LFT, -> Auto Authorized)
(, -> Auto Authorized)
(Uric Acid, -> Auto Authorized)
(Blood Urea Nitrogen (Bun) -> Auto Authorized)

