

patient MRN

: 10200000270850

patient Name

: Mr Gopal M

Sex/Age

: Male , 27y 9m : 1/10, Dharmapuri, Tamil Nadu, India,

Address

636902 : OP-001

Visit Number consultation Type

: OP, New Visit

Vobile Number

: 8778996820

Date

: 04/03/2023 05:45 PM

Department

: FAMILY MEDICINE

Consultant Ref. Hospital

: Dr. Santosh K M

Ref. Doctor

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

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VITALS

Height (cm)

BP (mmHg)

98/66 SPO2: 99 %
Heart Rate(bpm): 65 bpm Temp (*F)
Weight (kg): 63 kg BMI Respiratory Rate(brpm) :

CHIEF COMPLAINTS AND HPI

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

NUTRITIONAL ASSESSMENT

VESTIGATIONS

REATMENT SUGGESTED

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: Preethi Patil G(359764)

One free consultation with the same doctor within next 6 days

Page 1 of 1

1800-309-0309 (Toll Free) Emergencies

97384 97384

Mazumdar Shaw Medical Center

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099 Hospital Address: NH Health City, 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Tel +91 80 712 2000

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Patient Name

: Mr. Gopal M

MRN

: 10200000270850

Age

: 27 Years

Sex

: 04.03.2023

: Male

Referring Doctor : EHC

Date

ULTRASOUND ABDOMEN AND PELVIS

CLINICAL DETAILS: Health check-up.

FINDINGS:

Liver is normal in size and echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

Portal vein is normal in course, caliber and shows hepatopetal flow. Hepatic veins and their confluence draining into the IVC appear normal. CBD is not dilated.

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

Pancreas to the extent visualized, appears normal in size, contour and echogenicity.

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

Right Kidney is normal in size, position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Left Kidney is normal in size, 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 thickening is normal. No evidence of calculi, mass or mural lesion.

Prostate is normal in size.

Fluid - There is no ascites.

IMPRESSION:

No significant abnormality detected.

Dr. Banupra Sr. Registrar

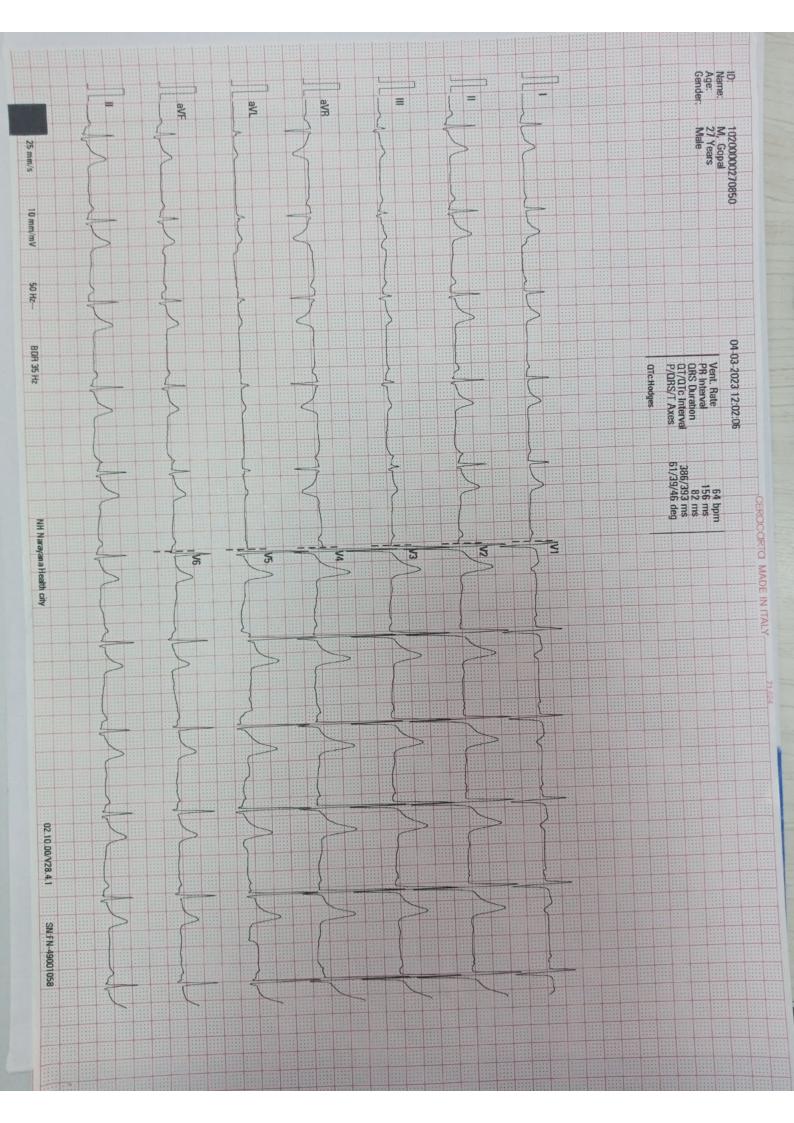
Typed by vishwanath

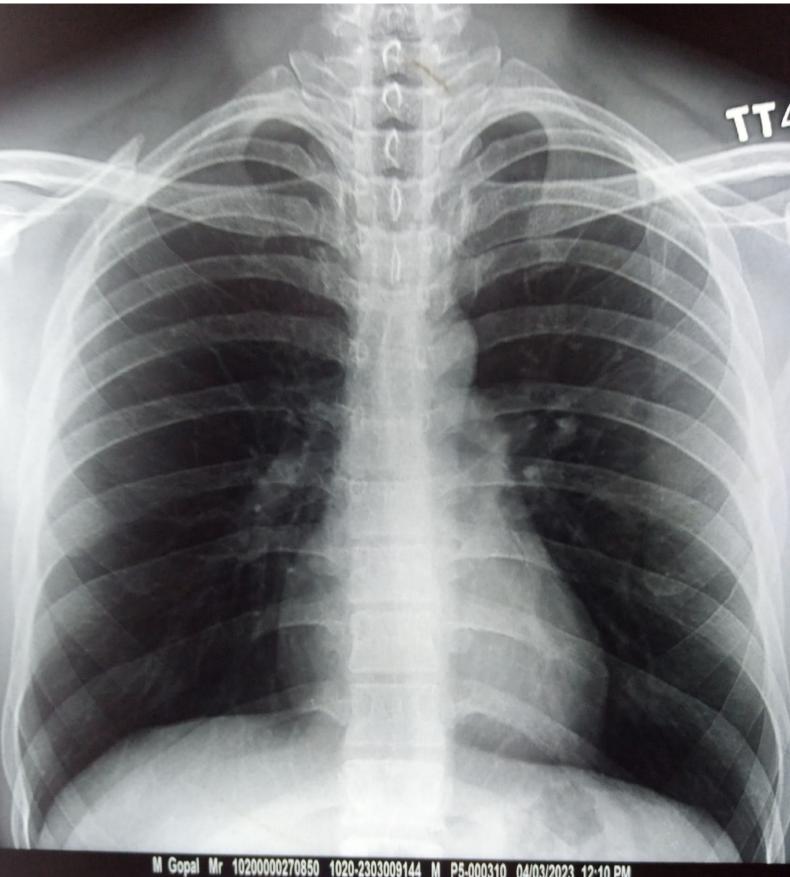
Mazumdar Shaw Medical Center



Appointments

1800-309-0309 (Toll Free)





M Gopal Mr 10200000270850 1020-2303009144 M P5-000310 04/03/2023 12:10 PM NH MSMC NH HEALTH CITY BANGALORE.

Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

Collected On: 04/03/2023 11:39 AM Received On: 04/03/2023 12:00 PM Reported On: 04/03/2023 12:48 PM

Barcode: 012303041374 Specimen: Plasma Consultant: Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 8778996820

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Colorimetric - Glucose Oxidase Peroxidase)	87	mg/dL	70 to 99 : Normal 100 to 125 : Pre-diabetes =>126 : 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

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





Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

Collected On: 04/03/2023 11:39 AM Received On: 04/03/2023 12:00 PM Reported On: 04/03/2023 02:04 PM

Barcode: 022303040683 Specimen: Whole Blood - ESR Consultant: Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 8778996820

HEMATOLOGY

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

(Westergren Method)

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-

Dr. Sudarshan Chougule MBBS, MD, Pathology

Consultant & Head - Hematology & Flow Cytometry

- Abnormal results are highlighted.
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Final Report

DEPARTMENT OF LABORATORY MEDICINE

Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

Collected On: 04/03/2023 03:17 PM Received On: 04/03/2023 03:30 PM Reported On: 04/03/2023 03:42 PM

Barcode: 032303040324 Specimen: Urine Consultant: Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 8778996820

CLINICAL PATHOLOGY

Test Result Unit

Urine For Sugar (Post Prandial) (Enzyme

Method (GOD POD))

Not Present

--End of Report-

Dr. Sudarshan Chougule MBBS, MD, Pathology

Consultant & Head - Hematology & Flow Cytometry

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Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

Collected On: 04/03/2023 11:39 AM Received On: 04/03/2023 12:00 PM Reported On: 04/03/2023 12:42 PM

Barcode: 022303040682 Specimen: Whole Blood Consultant: Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 8778996820

HEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	13.7	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	4.63	million/μl	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	41.6	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived)	89.8	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	29.6	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.0	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	13.7	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	218	$10^3/\mu$ L	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	4.9	$10^3/\mu$ L	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCS Technology Plus Microscopy)	61.4	%	40.0-75.0
Lymphocytes (VCS Technology Plus Microscopy)	29.3	%	20.0-40.0
Monocytes (VCS Technology Plus Microscopy)	7.8	%	2.0-10.0
Eosinophils (VCS Technology Plus Microscopy)	0.9 L	%	1.0-6.0
Basophils (VCS Technology Plus Microscopy)	0.6	%	0.0-2.0

Patient Name: Mr Gopal M MRN: 102000002708	50 Gender/Age:	MALE , 27y (29/05/1995)
Absolute Neutrophil Count (Calculated)	3.01	x10 ³ cells/μl	2.0-7.0
Absolute Lympocyte Count (Calculated)	1.44	x10 ³ cells/μl	1.0-3.0
Absolute Monocyte Count (Calculated)	0.39	x10 ³ cells/μl	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.05	x10 ³ cells/μl	0.02-0.5
Absolute Basophil Count (Calculated)	0.03	-	-

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. Sudarshan Chougule

MBBS, MD, Pathology

Consultant & Head - Hematology & Flow Cytometry

Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

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Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

 $\hbox{Collected On: } 04/03/2023 \ 11:39 \ \hbox{AM} \quad \hbox{Received On: } 04/03/2023 \ 12:01 \ \hbox{PM} \quad \hbox{Reported On: } 04/03/2023 \ 03:57 \ \hbox{PM}$

Barcode: 012303041376 Specimen: Serum Consultant: Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 8778996820

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.94	mg/dL	0.66-1.25
eGFR (Calculated)	96.3	mL/min/1.73m ²	Indicative of renal impairment < 60 Note:eGFR is inaccurate for Hemodyamically unstable patients eGFR is not applicable for less than 18 years of age.
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric – Urease)	11	mg/dL	9.0-20.0
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	3.92	mg/dL	3.5-8.5
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	164	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	71	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	49	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)	113 L	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	14.2	mg/dL	0.0-40.0

Patient Name: Mr Gopal M MRN: 1020000027085	O Gender/Age: N	MALE , 27y (29/05/1995)	
Cholesterol /HDL Ratio (Calculated)	3.4	-	0.0-5.0
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Colorimetric -Diazo Method)	0.70	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.10	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Calculated)	0.6	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	8.00	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	5.10 H	gm/dL	3.5-5.0
Serum Globulin (Calculated)	2.91	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.76	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	27	U/L	17.0-59.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	21	U/L	<50.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P- nitro Phenyl Phosphate, AMP Buffer)	79	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	19	U/L	15.0-73.0

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 lodo Thyronine (T3) (Enhanced Chemiluminesence)	1.11	ng/mL	0.97-1.69	
Thyroxine (T4) (Enhanced Chemiluminesence)	5.86	μg/dl	5.53-11.0	

Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

TSH (Thyroid Stimulating Hormone) (Enhanced 1

1.545

μIU/mL

0.4-4.049

Chemiluminesence)

--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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- 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)



MC-2688



Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

Collected On: 04/03/2023 12:25 PM Received On: 04/03/2023 12:36 PM Reported On: 04/03/2023 01:19 PM

Barcode: 032303040271 Specimen: Stool Consultant: Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 8778996820

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
STOOL ROUTINE EXAMINATION			
PHYSICAL EXAMINATION			
Colour	Yellowish	-	-
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	4-5/hpf	/hpf	0-5

-- End of Report-

Jena S

Dr. Hema S MD, DNB, Pathology Associate Consultant Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

Collected On: 04/03/2023 11:39 AM Received On: 04/03/2023 12:15 PM Reported On: 04/03/2023 12:30 PM

Barcode: 032303040240 Specimen: Urine Consultant: Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 8778996820

CLINICAL PATHOLOGY

Test Result Unit

Urine For Sugar (Fasting) (Enzyme Method (GOD Not Present

POD))

-- End of Report-

Dr. Sudarshan Chougule MBBS, MD, Pathology

Consultant & Head - Hematology & Flow Cytometry

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- Kindly correlate clinically.





Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

Collected On: 04/03/2023 11:39 AM Received On: 04/03/2023 12:15 PM Reported On: 04/03/2023 12:38 PM

Barcode: 032303040240 Specimen: Urine Consultant: Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8778996820

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Colour	STRAW	-	-
Appearance	Clear	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (pH Indicator Method)	5.5	-	4.5-7.5
Sp. Gravity (Refractive Index)	1.014	-	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	0.2	/hpf	0-5

Patient Name : Mr Gopal M	MRN: 10200000270850	Gender/Age: N	MALE , 27y (29/05/1995)	
RBC		0.5	/hpf	0-4
Epithelial Cells		0.5	/hpf	0-6
Crystals		0.0	/hpf	0-2
Casts		0.00	/hpf	0-1
Bacteria		31.6	/hpf	0-200
Yeast Cells		0.0	/hpf	0-1
Mucus		0.02	-	-

--End of Report-

Dr. Sudarshan Chougule MBBS, MD, Pathology

Consultant & Head - Hematology & Flow Cytometry

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Final Report

DEPARTMENT OF LABORATORY MEDICINE

Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

Collected On: 04/03/2023 11:39 AM Received On: 04/03/2023 11:52 AM Reported On: 04/03/2023 12:36 PM

Barcode: 1B2303040032 Specimen: Whole Blood Consultant: Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 8778996820

NARAYANA HRUDAYALAYA BLOOD CENTRE

Test Result Unit

BLOOD GROUP & RH TYPING

Blood Group (Column Agglutination Technology) O

RH Typing (Column Agglutination Technology) Positive

-- End of Report-

Dr. Prathip Kumar B R

MBBS,MD, Immunohaematology & Blood Transfusion

Consultant

- Abnormal results are highlighted.
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Patient Name: Mr Gopal M MRN: 10200000270850 Gender/Age: MALE, 27y (29/05/1995)

Collected On: 04/03/2023 11:39 AM Received On: 04/03/2023 12:00 PM Reported On: 04/03/2023 01:17 PM

Barcode: 012303041375 Specimen: Whole Blood Consultant: Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 8778996820

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC NGSP Certified)	5.1	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: => 6.5 ADA standards 2020
Estimated Average Glucose (Calculated)	99.67	-	-

Interpretation:

- 1. HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms with HbA1C>6.5%, repeat measurement on further sample. If the repeat test result is <6.5%, consider as diabetes high risk and repeat measurement after 6 months.
- 2. HbA1C measurement is not appropriate in diagnosing diabetes in children, suspicion of type 1 diabetes, symptoms of diabetes for less than 2 months, pregnancy, hemoglobinopathies, medications that may result sudden increase in glucose, anemia, renal failure, HIV infection, malignancies, severe chronic hepatic, and renal disease.
- 3. Any sample with >15% should be suspected of having a haemoglobin variant.

-- End of Report-

Mrs. Latha B S MSc, Mphil, Biochemistry

Incharge, Consultant Biochemistry

Dr. Anushre Prasad MBBS,MD, Biochemistry Consultant Biochemistry

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