

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M32105140096	Collected On	: 14/05/2021 02:32 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraham Krishnagiri Hosur Tamil Nadu, India	Received On	: 14/05/2021 04:20 AM
		Reported On	: 14/05/2021 06:48 AM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>6.00</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>1.98</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>17.7</u> P	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	89.4	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.30	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	33.90	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>17.60</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>30</u> L	Thousand / µL	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	4.5	Thousand / µL	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	<u>82.7</u> H	%	35-66
Lymphocytes	<u>10.0</u> L	%	24-44
Monocytes	<u>7.2</u> H	%	3-6
Eosinophils	0.0	%	0-3

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



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1pc
4 RDP



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DEPARTMENT OF LABORATORY MEDICINE

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Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
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HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	0.1	%	0-1

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



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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105140121
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 14/05/2021 02:32 AM
 Referred DR : Dr. Nandish H K
 Received On : 14/05/2021 04:20 AM
 Reported On : 14/05/2021 06:48 AM
 Report Type : Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>12.46</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>6.39</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>6.07</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>4.4</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>2.3</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.1	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	1.10		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	30	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>43</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro phenyl Phosphate, AMP buffer	52	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>72</u> H	U/L	12-43

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.

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



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Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 14/05/2021 02:32 AM
Referred DR : Dr. Nandish H K
Received On : 14/05/2021 04:20 AM
Reported On : 14/05/2021 06:48 AM
Report Type : Provisional

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT FASTING)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	<u>30.4</u> H	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.29</u> L	mg/dL	0.52-1.04
eGFR - Calculated	252.49	mL/min/1.73 m 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	15	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	143	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>3.1</u> L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	106	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	<u>8.0</u> L	mg/dL	9.0-10.20
MAGNESIUM - Colorimetric - Formazan Dye	2.00	mg/dL	1.6-2.3

Report relates to sample tested with clinical findings



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Sample No	: M02105140121	Collected On	: 14/05/2021 02:32 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 14/05/2021 04:20 AM
		Reported On	: 14/05/2021 06:48 AM
		Report Type	: Provisional

Test	Result	Unit	Biological Reference Interval
URIC ACID - Colorimetric - Uricase,Peroxidase	<u>1.2</u> L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	2.80	mg/dL	2.5-4.5
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	<u>149</u> H	mg/dL	Normal: 70-99 Pre-diabetes: 100-125 Diabetes: >= 126 ADA standards 2020

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



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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : C52105140016
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
Specimen : PLASMA
Visit Type : IP
Collected On : 14/05/2021 02:32 AM
Referred DR : Dr. Nandish H K
Received On : 14/05/2021 04:20 AM
Reported On : 14/05/2021 06:48 AM
Report Type : Provisional

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	15.7 H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	1.49 H		0.9-1.06
PTT (ACTIVATED THROMBOPLASTIN TIME) Optical - clot detection			
PTT	29.9	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	1.14 H	sec	0.8-1.1

Note:

Abnormal results are highlighted.

Results relate to the sample only.

Kindly correlate clinically.

-- End of Report --



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M02105130108	Collected On	: 13/05/2021 02:42 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 13/05/2021 05:19 AM
		Reported On	: 13/05/2021 06:57 AM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>18.40</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>10.63</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>7.77</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>5.0</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>2.6</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.4	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	1.08		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>53</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>82</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro phenyl Phosphate, AMP buffer	81	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>144</u> H	U/L	12-43

Report relates to sample tested with clinical findings.

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.

Dr. P.R. Rekha

Dr. Rekha PR MBBS MD Pathology
Consultant Histopathology and
Director



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



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105130092
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 13/05/2021 02:42 AM
 Referred DR : Dr. Nandish H K
 Received On : 13/05/2021 05:19 AM
 Reported On : 13/05/2021 10:36 AM
 Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>6.40</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.13</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>19.0</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	89.2	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.20	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	33.90	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>17.60</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>50</u> L	Thousand / μ L	150-450
<i>Comment: Platelet count verified manually.</i>			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	4.4	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	<u>83.6</u> H	%	35-66
Lymphocytes	<u>10.6</u> L	%	24-44
Monocytes	5.7	%	3-6
Eosinophils	0.0	%	0-3

Report relates to sample tested with clinical findings



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Dr. Shalini K S, DCP, DNBJunior
 Consultant Laboratory Haematology



NH Helpline
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Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : C52105130026
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
Specimen : GASTROENTEROLOGY
Visit Type : PLASMA
Collected On : IP
Referred DR : 13/05/2021 02:42 AM
Received On : Dr. Nandish H K
Reported On : 13/05/2021 05:19 AM
Report Type : 13/05/2021 07:46 AM
Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>18.2 H</u>	sec	9.9-11.5
Comment:	Note : Kindly correlate clinically .		
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>1.74 H</u>		0.9-1.06

Note:

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

-- End of Report --

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



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Dr. Shalini K S, DCP, DNBJunior
 Consultant Laboratory Haematology



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DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M32105130092	Collected On	: 13/05/2021 02:42 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 13/05/2021 05:19 AM
		Reported On	: 13/05/2021 10:36 AM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	0.1	%	0-1

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



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Dr. Shalini K S, DCP, DNBJunior
Consultant Laboratory Haematology



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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899

Name : Mrs C Lakshmi

Age / Sex : 43 Year(s) / Female

Sample No : M02105130108

Consulting DR : Dr. Nandish H K

Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, IndiaDepartment : MEDICAL
GASTROENTEROLOGY

Specimen : SERUM

Visit Type : IP

Collected On : 13/05/2021 02:42 AM

Referred DR : Dr. Nandish H K

Received On : 13/05/2021 05:19 AM

Reported On : 13/05/2021 06:57 AM

Report Type : Final

Test	Result	Unit	Biological Reference Interval
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	129 H	mg/dL	Normal: 70-99 Pre-diabetes: 100-125 Diabetes: >= 126 ADA standards 2020

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

Dr. P.R. Rekha

Dr. Rekha PR MBBS MD Pathology
Consultant Histopathology and Lab
Director

Page 3 / 6

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

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 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
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Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
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 Report Type : Final

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 1 (KFT FASTING)			
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	0.33 L	mg/dl	0.52-1.04
eGFR - Calculated	217.51	mL/min/1.73 m 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	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	141	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	3.5	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	105	mmol/L	98-107
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	29.0	mmol/L	22-30

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

Dr. Rekha PR MBBS MD Pathology
 Consultant Histopathology and Lab
 Director



Transjugular liver biopsy

PATIENT NAME: Lakshmi c MRN: 10020001277899 Date: 12/05/2021

Indication:

persistent high bilirubin and liver enzymes ? cause-.

Procedure:

Under strict asepsis and Fluoroscopic guidance, the right IJV was accessed and 9 fr sheath was inserted. Using terumo guidewire and MPA catheter, the right hepatic vein was accessed and terumo wire was exchanged for stiff guidewire. Using LABS set multiple cores were obtained from right lobe of liver and sample sent for HPE analysis. Sheath was removed and hemostasis achieved by manual compression. No immediate complications.

Adv:

- Monitor the puncture site for any bleeding/hematoma.
- Monitor vitals.



Dr. Basavaraj Biradar
MD, DNB ,MNAMS , PDCC
Consultant, Interventional Radiology.



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Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099
Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M22105120003
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : BODY TISSUE
Visit Type : IP
Collected On : 12/05/2021 12:09 PM
Referred DR : Dr. Nandish H K
Received On : 12/05/2021 12:27 PM
Reported On : 15/05/2021 09:17 AM
Report Type : Final

HISTOPATHOLOGY

REGULAR HP SMALL BIOPSY

Lab No	H-02757/2021
Clinical Details	Acute on chronic Hepatitis A. Waiting for liver transplantation. - Transjugular liver biopsy done. D/D : Patient has taken ayurvedic medicine; 2) Hep A+ve, Leptospira +ve; 3) Auto-immune hep (ANA profile & others (N)).
Specimen details	Liver biopsy.
Gross Examination	Multiple (ten) tissue cores ranging from 0.6 cm to 1.0 cm in length. Entire tissue processed in one capsule. Grossed by Dr. Rajeswarie R.T.

Result Entered by

Selvaraj S


Dr. Srinivas Ramalath MD Consultant
Histopathologist



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DEPARTMENT OF LABORATORY MEDICINE

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Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M22105120003
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : BODY TISSUE
Visit Type : IP
Collected On : 12/05/2021 12:09 PM
Referred DR : Dr. Nandish H K
Received On : 12/05/2021 12:27 PM
Reported On : 15/05/2021 09:17 AM
Report Type : Final

HISTOPATHOLOGY

Microscopy and Impression

These liver biopsy cores shows hepatic lobules with some variation in liver cell plate thickness. The hepatocytes are swollen at places and few contain Mallory hyaline bodies. There is prominent canalicular and hepatocellular cholestasis. Scanty hepatocytes contain lipid vacuoles (macrovesicular steatosis).

There are prominent irregular pale zones of hepatocyte loss in zones 1 and 2 with sparse to focally mild infiltrate of lymphocytes and few histiocytes in these areas and in the adjacent portal tracts, but plasma cells are not conspicuous. There is only faint / pale staining in most of the areas with hepatocyte loss and also there are no conspicuous elastic fibers in these areas, with only mild established fibrosis. The vascular relationship are largely preserved.

No iron is seen on Perls stain. Scanty PASD (Periodic acid Schiff diastase stain) positive debris laden macrophages are seen in a rare portal tract. No PASD positive cytoplasmic globules are seen in the hepatocytes. There is no HBsAg or copper-associated protein staining seen on orcein stain.

COMMENT - This liver biopsy shows features of acute hepatitis with prominent zonal bridging necrosis. There is only mild established fibrosis. The possibilities to consider would include acute viral hepatitis, drugs and acute presentation of autoimmune hepatitis. Correlation with clinical, serological, and findings of other relevant laboratory investigations is needed to determine cause.

This case will be sent to Dr. Marjorie Correa, Professor in Pathology at St John's Medical College, Bengaluru, for a specialist / expert opinion, and her report will follow.

Note:

All histopathology reports need to be correlated with clinical findings.

Additional remaining surgical specimens will be preserved for a period of 3 months.

-- End of Report --

Result Entered by

Selvaraj S


Dr. Srinivas Ramalah MD Consultant
Histopathologist



Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN: L85110KA2000PLC027497
NH Health City, 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Fax: +91 80 2783 2648. info.msmc@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099
Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M22105120003
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : BODY TISSUE
 Visit Type : IP
 Collected On : 12/05/2021 12:09 PM
 Referred DR : Dr. Nandish H K
 Received On : 12/05/2021 12:27 PM
 Reported On : 15/05/2021 09:17 AM
 Report Type : Final

HISTOPATHOLOGY

Microscopy and Impression

These liver biopsy cores shows hepatic lobules with some variation in liver cell plate thickness. The hepatocytes are swollen at places and few contain Mallory hyaline bodies. There is prominent canalicular and hepatocellular cholestasis. Scanty hepatocytes contain lipid vacuoles (macrovesicular steatosis).

There are prominent irregular pale zones of hepatocyte loss in zones 1 and 2 with sparse to focally mild infiltrate of lymphocytes and few histiocytes in these areas and in the adjacent portal tracts, but plasma cells are not conspicuous. There is only faint / pale staining in most of the areas with hepatocyte loss and also there are no conspicuous elastic fibers in these areas, with only mild established fibrosis. The vascular relationship are largely preserved.

No iron is seen on Perls stain. Scanty PASD (Periodic acid Schiff diastase stain) positive debris laden macrophages are seen in a rare portal tract. No PASD positive cytoplasmic globules are seen in the hepatocytes. There is no HBsAg or copper-associated protein staining seen on orcein stain.

COMMENT - This liver biopsy shows features of acute hepatitis with prominent zonal bridging necrosis. There is only mild established fibrosis. The possibilities to consider would include acute viral hepatitis, drugs and acute presentation of autoimmune hepatitis. Correlation with clinical, serological, and findings of other relevant laboratory investigations is needed to determine cause.

This case will be sent to Dr. Marjorie Correa, Professor in Pathology at St John's Medical College, Bengaluru, for a specialist / expert opinion, and her report will follow.

Note:

All histopathology reports need to be correlated with clinical findings.

Additional remaining surgical specimens will be preserved for a period of 3 months.

-- End of Report --

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

Result Entered by

Selvaraj S



Dr. Srinivas Ramaiah MD Consultant
Histopathologist



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M22105120003
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
Specimen : BODY TISSUE
Visit Type : IP
Collected On : 12/05/2021 12:09 PM
Referred DR : Dr. Nandish H K
Received On : 12/05/2021 12:27 PM
Reported On : 15/05/2021 09:17 AM
Report Type : Final

HISTOPATHOLOGY

REGULAR HP SMALL BIOPSY

Lab No	H-02757/2021
Clinical Details	Acute on chronic Hepatitis A. Waiting for liver transplantation. - Transjugular liver biopsy done. D/D : Patient has taken ayurvedic medicine; 2) Hep A+ve, Leptospira +ve; 3) Auto-immune hep (ANA profile & others (N)).
Specimen details	Liver biopsy.
Gross Examination	Multiple (ten) tissue cores ranging from 0.6 cm to 1.0 cm in length. Entire tissue processed in one capsule. Grossed by Dr. Rajeswarie R.T.

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

Result Entered by

Selvaraj S




Dr. Srinivas Ramaiah MD Consultant
Histopathologist



Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: blood
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M72105120088	Collected On	: 12/05/2021 10:32 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Araharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 13/05/2021 12:40 AM
		Reported On	: 19/05/2021 01:13 PM
		Report Type	: Final

BLOOD FOR C/S

Microbiology

Method Name : Automated Reflectance/ID-MALDI TOF MS/ Automated MIC
 Report Status : Preliminary Report
 Specimen : Blood
 Incub Period : 48 hrs of incubation

Culture

Culture : No growth in culture after 48hours of incubation. Supplementary report, to follow in case of any further growth in culture..
 Remarks : From hd sheath

Note:

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

-- End of Report --

Malo

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



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Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
CIN : U85110KA2000PLC027497, Web: nareyanahealth.org



Dr Annie Rofeena Sinazer
Narayana Hrudayalaya Limited
MD Microbiology Associate
Consultant

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02105120255
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 12/05/2021 08:11 AM
Referred DR : Dr. Nandish H K
Received On : 12/05/2021 09:03 AM
Reported On : 12/05/2021 01:41 PM
Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM FERRITIN - Enhanced chemiluminescence	<u>1660.0</u> H	ng/mL	6.24-137
Comment: RESULTED IN 1:10 DILUTION			
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>2.8</u> L	mmol/L	3.5-5.1



Dr. lyshwarya U MBBS , MD
Associate Consultant - Biochemistry



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 Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105120255
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 12/05/2021 08:11 AM
 Referred DR : Dr. Nandish H K
 Received On : 12/05/2021 09:03 AM
 Reported On : 12/05/2021 01:41 PM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>19.10</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>9.75</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>9.35</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>5.3</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>2.7</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.6	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	1.04		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>68</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>86</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro phenyl Phosphate, AMP buffer	95	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>171</u> H	U/L	12-43

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.



Dr. Jayshwarya U MBBS MD.
 Associate Consultant - Biochemistry



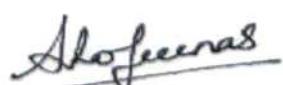
Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M12105120164	Collected On	: 12/05/2021 04:20 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 12/05/2021 04:42 PM
		Reported On	: 12/05/2021 07:03 PM
		Report Type	: Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
			Local Bacterial Infection is possible: < 0.5
			Systemic infection is possible.: 0.5-2
PROCALCITONIN (PCT) - Enzyme linked fluorescent assay	0.62	ng/mL	Systemic infection(sepsis) is likely, unless other causes are known.: 2-10
			Systemic inflammatory response due to bacterial sepsis or septic: > 10



Dr Annie Rofeena Sinazer MD
Microbiology Associate Consultant



DEPARTMENT OF LABORATORY MEDICINE

MRN	:	10020001277899	Department	:	MEDICAL GASTROENTEROLOGY
Name	:	Mrs C Lakshmi	Specimen	:	
Age / Sex	:	43 Year(s) / Female	Visit Type	:	IP
Sample No	:		Collected On	:	12/05/2021 04:20 PM
Consulting DR	:	Dr. Nandish H K	Referred DR	:	Dr. Nandish H K
Patient Address	:	1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	:	12/05/2021 04:42 PM
			Reported On	:	
			Report Type	:	

Interpretations

- PCT is secreted by different types of cells from numerous organs in response to pro inflammatory stimulation, particularly bacterial stimulation.
- At a PCT concentration > 0.5 ng/mL, a patient should be considered at risk of developing severe sepsis or septic shock.
- A localized bacterial infection can lead to a moderate increase in PCT levels.

Limitations

- certain situations (newborns, polytrauma, burns, major surgery, prolonged or severe cardiogenic shock, etc.)
- PCT elevation may be independent of any infectious aggression. The return to normal values is usually rapid.
- Viral infections, allergies, autoimmune diseases and graft rejection do not lead to a significant increase in PCT .

Note:

Abnormal results are highlighted.

Results relate to the sample only.

Please correlate clinically.

-- End of Report --

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : C52105120056
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : PLASMA
Visit Type : IP
Collected On : 12/05/2021 08:10 AM
Referred DR : Dr. Nandish H K
Received On : 12/05/2021 09:02 AM
Reported On : 12/05/2021 10:30 AM
Report Type : Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>17.2</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>1.64</u> H		0.9-1.06

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

-- End of Report --



Dr. Shalini K S, DCP, DMJ, Junior Consultant Laboratory Hematologist



NH Helpline
080 122 2222

Narayana Hrudayalaya Limited

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Certificate No.: MC-2688

908

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M32105120163	Collected On	: 12/05/2021 08:10 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 12/05/2021 09:02 AM
		Reported On	: 12/05/2021 10:08 AM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>7.10</u> L	g/dL	12.0-15.0
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>7.10</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.35</u> L	millions/ µL	3.8-4.8
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.35</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>20.4</u> L	%	36.0-46.0
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>20.4</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	87.1	fL	80.0-100.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	87.1	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.40	pg	27.0-32.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.40	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>34.90</u> H	%	31.5-34.5
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>34.90</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>17.00</u> H	%	11.6-14.0
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>17.00</u> H	%	11.6-14.0



Dr. Shalini K S, DCP, DNB Junior
Consultant Laboratory Haematology



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Corporate ID: MC-2688

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105120163
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 12/05/2021 08:10 AM
 Referred DR : Dr. Nandish H K
 Received On : 12/05/2021 09:02 AM
 Reported On : 12/05/2021 10:08 AM
 Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
PLATELET COUNT - Electrical Impedance plus Microscopy	65 L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
PLATELET COUNT - Electrical Impedance plus Microscopy	65 L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	6.1	Thousand / μ L	4.0-10.0
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	6.1	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	83.1 H	%	35-66
Neutrophils	83.1 H	%	35-66
Lymphocytes	11.7 L	%	24-44
Lymphocytes	11.7 L	%	24-44
Monocytes	5.0	%	3-6
Monocytes	5.0	%	3-6
Eosinophils	0.0	%	0-3
Eosinophils	0.0	%	0-3
Basophils	0.2	%	0-1
Basophils	0.2	%	0-1



Dr. Shalini K S, DCP, DNB (Junior)
 Consultant Laboratory Hematologist



Narayana Hrudayalaya Limited

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DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M02105120255	Collected On	: 12/05/2021 08:11 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 12/05/2021 09:03 AM
		Reported On	: 12/05/2021 11:24 AM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>2.8</u> L	mmol/L	3.5-5.1
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric - Diazo Method	<u>19.10</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>9.75</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>9.35</u> H	mg/dL	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>5.3</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>2.7</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.6	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	1.04		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>68</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>86</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitrophenyl Phosphate, AMP-buffer	95	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>171</u> H	U/L	12-43

Note:

Abnormal results are highlighted.

Results relate to the sample only.

Kindly correlate clinically.

-- End of Report --



Dr. Iyshwarya U MBBS, MD
Associate Consultant - Biochemistry



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Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105110327
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 11/05/2021 10:52 AM
 Referred DR : Dr. Nandish H K
 Received On : 11/05/2021 11:52 AM
 Reported On : 11/05/2021 03:22 PM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>19.10</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>10.34</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>8.76</u> H	mg/dL	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>5.0</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>2.6</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.4	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	1.08		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>83</u> H	U/L	14-36
GPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>94</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro Phenyl Phosphate, AMP buffer	<u>128</u> H	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>205</u> H	U/L	12-43

Report relates to sample tested
 All results refer to Methods / Techniques
 Kindly correlate with clinical report

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

--- End of Report ---

Dr. P.R. Rekha
 Dr. Rekha PR MBBS MD Pathology
 Consultant Histopathology and Director



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

 NH Helpline
 080-7122 2222
 Certificate No.: M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: C52105110069	Collected On	: 11/05/2021 09:26 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 11/05/2021 09:50 AM
		Reported On	: 11/05/2021 11:20 AM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>21.3</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>1.99</u> H		0.9-1.06

Comment: Note: Kindly correlate clinically.

Note:

Abnormal results are highlighted.

Results relate to the sample only.

Kindly correlate clinically.

-- End of Report --



Dr. Hema S, MD, DNB Associate
Consultant, Hematology



Appointments

1800-309-0309 (Toll Free)

Emergencies

97384 97384

Mazumdar Shaw Medical Center

(A Unit of Narayana Hrudayalaya Limited) CIN: LB5110KA2000PLC027497

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 22222 | Email: info.msmc@narayanahealth.org | www.narayanahealth.org



Certificate No.: MC-2688

DEPARTMENT OF LABORATORY MEDICINE

Unit - Narayana Health

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105100102
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 10/05/2021 02:18 AM
 Referred DR : Dr. Nandish H K
 Received On : 10/05/2021 03:57 AM
 Reported On : 10/05/2021 07:41 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>17.10</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>10.01</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>7.09</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>4.3</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>2.1</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.2	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	<u>0.95</u> L		1.0-2.1
GOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>76</u> H	U/L	14-36
GPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>81</u> H	U/L	< 35
KALKALINE 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)	<u>164</u> H	U/L	12-43

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.

Report relates to sample tested
 Also refer to Methods / Techniques / Notes on the reverse
 side of report

D. P.R. Rekha

Dr. Rekha PR MBBS MD Pathology
 Consultant Histopathology and Lab
 Director



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



Certificate No. : M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02105100102
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 10/05/2021 02:18 AM
Referred DR : Dr. Nandish H K
Received On : 10/05/2021 03:57 AM
Reported On : 10/05/2021 07:41 AM
Report Type : Final

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT FASTING)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	26.0	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.33</u> L	mg/dl	0.52-1.04
eGFR - Calculated	217.51	mL/min/1.73 m 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.
URINE TESTS			
URINE - UREA NITROGEN (BUN) - Endpoint/Colorimetric -	12	mg/dL	7.0-17.0
URINE, SERUM - Direct ISE - Potentiometric	140	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>3.3</u> L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	<u>109</u> H	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	<u>7.9</u> L	mg/dL	9.0-10.20
MAGNESIUM - Colorimetric - Formazan Dye	2.19	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase,Peroxidase	<u>1.2</u> L	mg/dL	2.50-6.20

Report relates to sample tested
No reference methods / Techniques used

Mrs. Rekha PR MBBS MD Pathology
Consultant Histopathology and Lab
Director



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02105100102
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 10/05/2021 02:18 AM
Referred DR : Dr. Nandish H K
Received On : 10/05/2021 03:57 AM
Reported On : 10/05/2021 07:41 AM
Report Type : Final

Test	Result	Unit	Biological Reference Interval
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	2.84	mg/dL	2.5-4.5
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	108 H	mg/dL	Normal: 70-99 Pre-diabetes: 100-125 Diabetes: >= 126 ADA standards 2020

Report relates to sample tested. Kindly correlate with clinical findings.
No relation to Methods / Technique used on the reverse

P.R Rekha

Dr. P.R Rekha PR MBBS MD Pathology
Consultant Histopathology and Lab Director



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



Certificate No. M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105100093
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 10/05/2021 02:18 AM
 Referred DR : Dr. Nandish H K
 Received On : 10/05/2021 03:57 AM
 Reported On : 10/05/2021 07:07 AM
 Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>8.30</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.77</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>23.8</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	86.1	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.00	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>34.90</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>17.90</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>70</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>3.0</u> L	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	61.7	%	35-66
Lymphocytes	<u>23.3</u> L	%	24-44
Monocytes	<u>14.5</u> H	%	3-6
Eosinophils	0.1	%	0-3
Basophils	0.4	%	0-1

Report relates to 'Methotrexate'
 Also refer to 'Methotrexate'
 Clinical findings on the report



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No :
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
Specimen :
Visit Type : IP
Collected On : 10/05/2021 02:18 AM
Referred DR : Dr. Nandish H K
Received On : 10/05/2021 03:57 AM
Reported On :
Report Type :

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Page 5 / 5



Certificate No.: M-0087



Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001279799	Department	: PAEDIATRIC MEDICINE
Name	: Baby of Manasa	Specimen	: SERUM
Age / Sex	: 3 Day(s) / Male	Visit Type	: IP
Sample No	: M02105110205	Collected On	: 11/05/2021 05:37 AM
Consulting DR	: Dr. Harini Sreedaran	Referred DR	: Dr. Harini Sreedaran
Patient Address	: #17, 1st Cross, Anekal Road Bangalore Urban Bommasandra Karnataka, India	Received On	: 11/05/2021 06:13 AM
		Reported On	: 11/05/2021 07:17 AM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	0.10	mg/dL	0-0.4

Dr. P.R Rekha

Dr. Rekha PR MBBS MD Pathology
Consultant Histopathology and Lab Director

S. Thygady.

Mr. Thangasamy S MSc,
Senior Biochemist

Dr. Iyshwarya U MBBS , MD.
Associate Consultant - Biochemistry

l

Mrs. Latha B S. M.Sc., M.P.D.
Consultant Biochemist



NHI Helpline
080-7122 2222

These tests are auto-approved

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : C52105110069
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
Specimen : PLASMA
Visit Type : IP
Collected On : 11/05/2021 09:26 AM
Referred DR : Dr. Nandish H K
Received On : 11/05/2021 09:50 AM
Reported On : 11/05/2021 11:20 AM
Report Type : Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>21.3</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>1.99</u> H		0.9-1.06

Comment: Note: Kindly correlate clinically.

Note:

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

-- End of Report --

Hema S

Dr. Hema S, MD, DNB Associate
 Consultant, Hematology



Narayana Hrudayalaya Limited



Page 1/1 (Previously Narayana Hrudayalaya Pvt. Ltd.) CIN: L85110KA2000PLC027497
 NH Health City, 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099
 Fax: +91 80 2783 2648. info.msmc@nhhospitals.org, www.narayanahealth.org
 Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099
 Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M02105100102	Collected On	: 10/05/2021 02:18 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 10/05/2021 03:57 AM
		Reported On	: 10/05/2021 05:57 AM
		Report Type	: Provisional

BIOCHEMISTRY

LFT

	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colormetric -Diaz Method	<u>17.10</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Absorbance Spectrophotometry	<u>10.01</u> H	mg/dL	0-0.4
NONCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>7.09</u> H	mg/dl	0.0-1.1
total PROTEIN - Colormetric - Biuret Method	<u>4.3</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colormetric - Bromo-Cresol Green	<u>2.1</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.2	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	<u>0.95</u> L		1.0-2.1
ASPARTATE AMINOTRANSFERASE (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>76</u> H	U/L	14-36
ALAT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>81</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro Phosphate, AMP buffer	97	U/L	38-126
γ-GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>164</u> H	U/L	12-43

Kindly correlate with clinical findings
Notes: Indirect Bilirubin result is a calculated parameter (Indirect Bilirubin = Total Bilirubin - Direct Bilirubin).
 Direct 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.



DEPARTMENT OF LABORATORY MEDICINE

MNRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M02105100102	Collected On	: 10/05/2021 02:18 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 10/05/2021 03:57 AM
		Reported On	: 10/05/2021 05:57 AM
		Report Type	: Provisional

Test

Result

Unit

Biological
Reference
Interval

PHOSPHORUS - Colorimetric - Phosphomolybdate Formation

2.84

mg/dL

2.5-4.5

FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose
Glucose peroxidase

108 H

mg/dL

Normal: 70-99
Pre-diabetes: 100
-125
Diabetes: >= 126
ADA standards
2020

Note:

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

-- End of Report --

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



Page 3 / 3



DEPARTMENT OF LABORATORY MEDICINE

Mrs	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M02105100102	Collected On	: 10/05/2021 02:18 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 10/05/2021 03:57 AM
		Reported On	: 10/05/2021 05:57 AM
		Report Type	: Provisional

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT FASTING)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP kinase	26.0	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine monohydrolase	<u>0.33</u> L	mg/dL	0.52-1.04
eGFR - Calculated	217.51	mL/min/1.73 m 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 - Alkaline	12	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	140	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>3.3</u> L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	<u>109</u> H	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	<u>7.9</u> L	mg/dL	9.0-10.20
MAGNESIUM - Colorimetric - Formazan Dye	2.19	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase,Peroxidase	<u>1.2</u> L	mg/dL	2.50-6.20

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : C52105100079
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : PLASMA
 Visit Type : IP
 Collected On : 10/05/2021 11:45 AM
 Referred DR : Dr. Nandish H K
 Received On : 10/05/2021 01:06 PM
 Reported On : 10/05/2021 01:56 PM
 Report Type : Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	20.9 H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	2.04 H		0.9-1.06
PTT (ACTIVATED THROMBOPLASTIN TIME) Optical - clot detection			
PTT	34.2 H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	1.30 H	sec	0.8-1.1

Comment: Note: Kindly correlate clinically.

Note:

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

— End of Report —

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



Page 1 / 1

Dr. Shalini K S, DCP, DNB Junior
 Consultant Laboratory Haematology



NH Helpline
 080-7122 2222

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : U85110KA2000PLC027497, Web: narayanahealth.org



Narayana Nethralaya Institute of Molecular Diagnostics & Laboratory Services

ISO 15189 :2012 Accredited

LAB INVESTIGATION REPORT

Name	: MRS . C LAKSHMI	MR No.	: 10020001277899
Ref. by	: DR.NANDISH H K	Age / Sex	: 43 Year(s) / Female
Corporate	: NARAYANA HEALTH [DEPT. OF LAB MEDICINE]	Lab Ref No.	: N83099
Reg. Date	: 10/05/2021 12:21 PM	Collected On	:

MOLECULAR DIAGNOSTICS**Cytomegalovirus (CMV) Real Time PCR**

Specimen :	BLOOD
Test :	Quantitative DNA estimation of CMV from patient's sample
Equipment :	RT – PCR Corbett Research
Sensitivity :	57 copies/ml
Result :	< 57 copies/ml
Comment :	It is not advisable to compare viral loads performed by two different Methods.

End Of Report**Note:**

1. Kindly correlate clinically
 2. The test results are for the sample provided to us only
 3. This report should not be used for medico legal purpose.

Lab Timings :
 NN-1 : 7:30 AM to 7 PM
 NN-2 : 8 AM to 6 PM
 Sunday's & Public Holidays - Closed

Mr. Ashok Kumar Reddy N
Scientist

Dr.Vivek H,M.B.B.S,M.D,
Consultant Microbiologist

Dr. Venkataramana A
HOD

Report On 10/05/2021 04:35 PM

121/C Chord Road, Rajajinagar, 1st 'R' ,Bangalore - 560010 - INDIA. Tel : Retina/Glaucoma/Uvea : +91-80-66121455

Cataract/Neuro-ophthal : +91-80-66121639,General/Pediatric/Oculoplasty/comea : +91-80-66121496

Refractive : +91-80-66121417,Emergency Only: +91-9902546046 Fax : +91-80-23377329

1800-4250-4250

E-mail: nnlab@narayananethralaya.com www.narayananethralaya.org



NH Helpline

080-7122 2222

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area

Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648

CIN : U85110KA2000PLC027497, Web: narayanahealth.org



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105100093
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 10/05/2021 02:18 AM
 Referred DR : Dr. Nandish H K
 Received On : 10/05/2021 03:57 AM
 Reported On : 10/05/2021 07:07 AM
 Report Type : Final

HAEMATOLOGY

	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>8.30</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.77</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>23.8</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	86.1	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.00	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>34.90</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>17.90</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>70</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>3.0</u> L	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	61.7	%	35-66
Lymphocytes	<u>23.3</u> L	%	24-44
Monocytes	<u>14.5</u> H	%	3-6
Eosinophils	0.1	%	0-3
Basophils	0.4	%	0-1

Report relates to sample tested with clinical findings



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02105090320
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 09/05/2021 05:51 PM
Referred DR : Dr. Nandish H K
Received On : 09/05/2021 09:52 PM
Reported On : 09/05/2021 10:37 PM
Report Type : Final

BIOCHEMISTRY

Test POTASSIUM, SERUM - Direct ISF - Potentiometric

Result	Unit	Biological Reference Interval
3.5	mmol/L	3.5-5.1

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

-- End of Report --

Relates to sample tested. Kindly correlate with clinical findings.

Dr. Rekha PR MBBS MD Pathology
Consultant Histopathology and Lab
Director

Mr. Thangasamy S MSc.
Senior Chemist



These tests are auto-approved

Dr. Iyshwarya U MBBS, MD
Associate Consultant - Biochemistry

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



Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
CIN : U85110KA2000PLC027497, Web: narayanahealth.org



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M32105070078
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
Specimen : WHOLE BLOOD
Visit Type : IP
Collected On : 07/05/2021 02:07 AM
Referred DR : Dr. Nandish H K
Received On : 07/05/2021 03:53 AM
Reported On : 07/05/2021 05:25 AM
Report Type : Provisional

HAEMATOLOGY

Result	Unit	Biological Reference Interval
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COMPLETE BLOOD COUNT (CBC)

HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>7.00</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.36</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>19.8</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	84.0	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	29.80	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.40</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>19.40</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>70</u> L	Thousand / µL	150-450

Comment: Platelet count verified manually.

TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance 3.2 L Thousand / µL 4.0-10.0

DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy

Neutrophils	59.3	%	35-66
Lymphocytes	<u>20.9</u> L	%	24-44
Monocytes	<u>17.5</u> H	%	3-6
Eosinophils	1.9	%	0-3
Basophils	0.4	%	0-1

Report relates to sample collected with informed consent from patient.





DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M32105090057	Collected On	: 09/05/2021 01:32 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 09/05/2021 03:18 AM
		Reported On	: 09/05/2021 07:12 AM
		Report Type	: Final

HAEMATOLOGY



Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>8.80</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.91</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>25.0</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	85.9	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.20	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.10</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>18.00</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>75</u> L	Thousand / µL	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>3.3</u> L	Thousand / µL	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
neutrophils	62.8	%	35-66
lymphocytes	<u>21.8</u> L	%	24-44
monocytes	<u>15.1</u> H	%	3-6
eosinophils	0.0	%	0-3
basophils	0.3	%	0-1

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods & Techniques Used' on the reverse side.



Certificate No. : M-0087

Narayana Hrudayalaya Limited



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105090068
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Unit of Narayana Health
 Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 09/05/2021 01:32 AM
 Referred DR : Dr. Nandish H K
 Received On : 09/05/2021 03:18 AM
 Reported On : 09/05/2021 07:45 AM
 Report Type : Final

BIOCHEMISTRY

Test

Result

Unit

Biological
Reference
Interval

LIVER FUNCTION TEST(LFT)

BILIRUBIN TOTAL - Colorimetric -DIAZO Method	<u>17.10</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>10.24</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>6.86</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>4.4</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>2.2</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.2	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	1.00		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>75</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>68</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitrophenyl Phosphate, AMP buffer	102	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>128</u> H	U/L	12-43

RENAL PACKAGE - 2 (RFT RANDOM)

SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP carboxylase	22.0	mmol/L	22-30
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SERUM CREATININE

Serum Creatinine - Enzymatic Two point rate - creatinine amidohydrolase	<u>0.31</u> L	mg/dl	0.52-1.04
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Report relates to sample tested. Kindly correlate with clinical findings.

As per refer to Methods/Technique used on the reverse side

Dr. P.R. Rekha



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



Certificate No : M-0087

Narayana Hrudayala Limited



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M32105090057
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
Specimen : WHOLE BLOOD
Visit Type : IP
Collected On : 09/05/2021 01:32 AM
Referred DR : Dr. Nandish H K
Received On : 09/05/2021 03:18 AM
Reported On : 09/05/2021 07:12 AM
Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>8.80</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.91</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>25.0</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	85.9	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.20	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.10</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>18.00</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>75</u> L	Thousand / µL	150-450
Comment: Platelet count verified manually. <i>Report relates to sample tested. Kindly correlate with clinical findings.</i>			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>3.3</u> L	Thousand / µL	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	62.8	%	35-66
Eosinophiles	<u>21.8</u> L	%	24-44
Monocytes	<u>15.1</u> H	%	3-6
Basophils	0.0	%	0-3
Lymphocytes	0.3	%	0-1



Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105090068
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 09/05/2021 01:32 AM
 Referred DR : Dr. Nandish H K
 Received On : 09/05/2021 03:18 AM
 Reported On : 09/05/2021 07:45 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>17.10</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>10.24</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>6.86</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>4.4</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>2.2</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.2	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	1.00		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>75</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>68</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro Phenyl Phosphate, AMP buffer	102	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>128</u> H	U/L	12-43

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Method / Test and its Description' on the reverse side.

RENAL PACKAGE - 2 (RFT RANDOM)

SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	22.0	mmol/L	22-30
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SERUM CREATININE

Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.31</u> L	mg/dl	0.52-1.04
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Dr. Rekha PR MBBS MD Pathology
 Consultant Histopathology and Lab
 Director

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



Certificate No. : M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105090068
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 09/05/2021 01:32 AM
 Referred DR : Dr. Nandish H K
 Received On : 09/05/2021 03:18 AM
 Reported On : 09/05/2021 07:45 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
eGFR - Calculated	233.78	mL/min/1.73 m 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	12	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	139	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	3.4 L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	109 H	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	7.8 L	mg/dL	9.0-10.20
MAGNESIUM - Colorimetric - Formazan Dye	2.32 H	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase,Peroxidase	1.2 L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	2.19 L	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose oxidase peroxidase	115	mg/dL	70-140 ADA Standards 2020

Report relates to sample tested. Kindly correlate with clinical findings.
All refer to 'Methods / Techniques used on the reverse side'

Dr. P.R. Rekha

Dr. Rekha PR MBBS MD Pathology
 Consultant Histopathology and
 Director



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



Certificate No. : M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : C52105090009
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
Specimen : PLASMA
Visit Type : IP
Collected On : 09/05/2021 01:32 AM
Referred DR : Dr. Nandish H K
Received On : 09/05/2021 03:18 AM
Reported On : 09/05/2021 07:07 AM
Report Type : Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
● PTT (ACTIVATED THROMBOPLASTIN TIME) Optical - clot detection			
PTT	<u>36.3</u> H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	<u>1.38</u> H	sec	0.8-1.1

Note:

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse




Dr. Sudarshan Chougule, MD.
 Consultant & Head - Haematology,
 Flow Cytometry



Certificate No. : M-0087
Narayana Hrudayalaya Limited



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02105090068
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 09/05/2021 01:32 AM
Referred DR : Dr. Nandish H K
Received On : 09/05/2021 03:18 AM
Reported On : 09/05/2021 07:45 AM
Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
eGFR - Calculated	233.78	mL/min/1.73 m 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	12	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	139	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	3.4 L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	109 H	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	7.8 L	mg/dL	9.0-10.20
MAGNESIUM - Colorimetric - Formazan Dye	2.32 H	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase,Peroxidase	1.2 L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	2.19 L	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose oxidase peroxidase	115	mg/dL	70-140 ADA Standards 2020

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse side.

Dr. P.R Rekha

Dr.Rekha PR MBBS MD Pathology
Consultant Histopathology and Director



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



Certificate No. : M-0087

Narayana Hrudayalaya Limited



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : CS2105090009
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : PLASMA
Visit Type : IP
Collected On : 09/05/2021 01:32 AM
Referred DR : Dr. Nandish H K
Received On : 09/05/2021 03:18 AM
Reported On : 09/05/2021 07:07 AM
Report Type : Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PTT (ACTIVATED THROMBOPLASTIN TIME)	Optical - clot detection		
PTT	<u>36.3</u> H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	<u>1.38</u> H	sec	0.8-1.1

Note:

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

-- End of Report --

Report relates to sample tested. Kindly correlate with findings.
Also refer to 'Methods / Technique used' on the reverse



Dr. Sudarshan Chougule, MD.
 Consultant & Head - Haematology,
 Flow Cytometry, NH helpline
 080-7122 2222

Certificate No : M-0087

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105090057
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 09/05/2021 01:32 AM
 Referred DR : Dr. Nandish H K
 Received On : 09/05/2021 03:18 AM
 Reported On : 09/05/2021 06:33 AM
 Report Type : Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>8.80</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.91</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>25.0</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	85.9	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.20	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.10</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>18.00</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>75</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>3.3</u> L	Thousand / μ L	4.0-10.0

Report relates to sample tested. Kindly correlate with
 Also refer to 'Methods/Technique used' on the reverse.

DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy

Neutrophils	62.8	%	35-66
Lymphocytes	<u>21.8</u> L	%	24-44
Monocytes	<u>15.1</u> H	%	3-6
Eosinophils	0.0	%	0-3
Basophils	0.3	%	0-1



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105090068
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 09/05/2021 01:32 AM
 Referred DR : Dr. Nandish H K
 Received On : 09/05/2021 03:18 AM
 Reported On : 09/05/2021 06:33 AM
 Report Type : Provisional

Test**Result****Unit****Biological Reference Interval****RENAL PACKAGE - 2 (RFT RANDOM)**

SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase 22.0 mmol/L 22-30

SERUM CREATININE

Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase 0.31 L mg/dl 0.52-1.04

eGFR - Calculated

233.78

mL/min/1.73 m²

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 - disease 12 mg/dL 7.0-17.0

SODIUM, SERUM - Direct ISE - Potentiometric 139 mmol/L 137-145

POTASSIUM, SERUM - Direct ISE - Potentiometric 3.4 L mmol/L 3.5-5.1

CHLORIDE - Direct ISE - Potentiometric 109 H mmol/L 98-107

CALCIUM - Colorimetric - Arsenazo Method 7.8 L mg/dL 9.0-10.20

MAGNESIUM - Colorimetric - Formazan Dye 2.32 H mg/dL 1.6-2.3

URIC ACID - Colorimetric - Uricase,Peroxidase 1.2 L mg/dL 2.50-6.20

Report relates to sample tested. Kindly correlate with clinical finding.
Also refer to Methods/Techiques used on the reverse side





DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) - Female
Sample No : M02105090068
Consulting DR : Dr. Nandish H K
Patient Address : 196A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 09/05/2021 01:32 AM
Referred DR : Dr. Nandish H K
Received On : 09/05/2021 03:18 AM
Reported On : 09/05/2021 06:33 AM
Report Type : Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>17.10</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>10.24</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>6.86</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN -Colorimetric - Biuret Method	<u>4.4</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>2.2</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.2	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	1.00		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>75</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>68</u> H	U/L	< 35
ALKALINE PHOSPHATASE (AL.P) - Multipoint-Rate - p-nitrophenyl Phosphate, AMP buffer	102	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L- γ -glutamyl-p-nitroanilide (Szasz Method)	<u>128</u> H	U/L	12-43

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Techniques used' on the reverse side.

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.



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : C52105090009
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
Specimen : PLASMA
Visit Type : IP
Collected On : 09/05/2021 01:32 AM
Referred DR : Dr. Nandish H K
Received On : 09/05/2021 03:18 AM
Reported On : 09/05/2021 06:33 AM
Report Type : Provisional

COAGULATION

Test	Result	Unit	Biological Reference Interval
PTT (ACTIVATED THROMBOPLASTIN TIME) Optical - clot detection			
PTT	<u>36.3</u> H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	<u>1.38</u> H	sec	0.8-1.1

Note:

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical finding.
 Also refer to 'Methods / Technique used' on the reverse.



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02105090068
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 09/05/2021 01:32 AM
Referred DR : Dr. Nandish H K
Received On : 09/05/2021 03:18 AM
Reported On : 09/05/2021 06:33 AM
Report Type : Provisional

Test	Result	Unit	Biological Reference Interval
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	<u>2.19</u> L	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	115	mg/dL	70-140 ADA Standards 2020

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M12105080078
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 08/05/2021 08:50 AM
 Referred DR : Dr. Nandish H K
 Received On : 08/05/2021 12:27 PM
 Reported On : 08/05/2021 03:26 PM
 Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
			Local Bacterial Infection is possible: < 0.5
			Systemic infection is possible.: 0.5-2
PROCALCITONIN (PCT) - Enzyme linked fluorescent assay	0.79	ng/mL	Systemic infection(sepsis) is likely, unless other causes are known.: 2-10
			Systemic inflammatory response due to bacterial sepsis or septic: > 10

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse side




Dr Annie Rofeena Sinazer MD
 Microbiology Associate Consultant
 



Certificate No. : M-0087

Narayana Hrudayalaya Limited





DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	:
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	:	Collected On	: 08/05/2021 08:50 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraaharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 08/05/2021 12:27 PM
		Reported On	:
		Report Type	:

Interpretations

- PCT is secreted by different types of cells from numerous organs in response to pro inflammatory stimulation, particularly bacterial stimulation.
- At a PCT concentration > 0.5 ng/mL, a patient should be considered at risk of developing severe sepsis or septic shock.
- A localized bacterial infection can lead to a moderate increase in PCT levels.

Limitations

- certain situations (newborns, polytrauma, burns, major surgery, prolonged or severe cardiogenic shock, etc.)
- PCT elevation may be independent of any infectious aggression. The return to normal values is usually rapid.
- Viral infections, allergies, autoimmune diseases and graft rejection do not lead to a significant increase in PCT .

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the report.



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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02105080195
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 08/05/2021 08:50 AM
Referred DR : Dr. Nandish H K
Received On : 08/05/2021 12:27 PM
Reported On : 08/05/2021 05:07 PM
Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
IRON PROFILE			
SERUM FERRITIN - Enhanced chemiluminescence	<u>7030.0</u> H	ng/mL	6.24-137
Comment: RESULTED IN 1:10 DILUTION			
TOTAL IRON - Two point Rate - Pyridyl azo dye	68.0	µg/dl	37-170
SERUM TIBC - Two point Rate - Iron Saturation/dye binding method	<u>116.0</u> L	µg/dl	265-497
UNBOUND IRON BINDING CAPACITY - Calculated	<u>48.0</u> L	µg/dl	190-350
SERUM TRANSFERRIN - Immuno Turbidimetry Method	<u>80.00</u> L	mg/dl	206-381
TRANSFERRIN SATURATION - Calculated	<u>58.62</u> H	%	20-50
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric - Diazo Method	<u>16.73</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>9.61</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>7.12</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>4.1</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>1.8</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.3	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	<u>0.78</u> L		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>79</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>74</u> H	U/L	< 35

Report relates to sample tested. Kindly correlate with clinical picture.
 Also refer to 'Methyl Soaps' which may cause interference in some of the tests.



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105080195
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 08/05/2021 08:50 AM
 Referred DR : Dr. Nandish H K
 Received On : 08/05/2021 12:27 PM
 Reported On : 08/05/2021 05:07 PM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
KALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro phenyl Phosphate, AMP buffer	95	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>109</u> H	U/L	12-43

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse




Dr. Iyshwarya U MBBS, MD,
 Associate Consultant - Biochemistry



080-7122 2222

Certificate No. : M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M32105080003	Collected On	: 08/05/2021 12:01 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraaharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 08/05/2021 03:52 AM
		Reported On	: 08/05/2021 06:16 AM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>6.90</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.29</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>19.4</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	84.8	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.00	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.40</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>20.00</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>60</u> L	Thousand / µL	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>2.5</u> L	Thousand / µL	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	43.7	%	35-66
Lymphocytes	<u>49.1</u> H	%	24-44
Eosinophils	<u>6.1</u> H	%	3-6
Monocytes	0.2	%	0-3
Basophils	0.9	%	0-1

Report relates to sample tested Kindly correlate with clinical findings.
Also refer to 'Methods / Techniques used' of the test.



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CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No :
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen :
Visit Type : IP
Collected On : 08/05/2021 12:01 AM
Referred DR : Dr. Nandish H K
Received On : 08/05/2021 03:52 AM
Reported On :
Report Type :

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



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 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105080003
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 08/05/2021 12:01 AM
 Referred DR : Dr. Nandish H K
 Received On : 08/05/2021 03:52 AM
 Reported On : 08/05/2021 06:16 AM
 Report Type : Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
------	--------	------	-------------------------------

RENAL PACKAGE - 2 (RFT RANDOM)

SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase 24.9 mmol/L 22-30

SERUM CREATININE

Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase 0.28 L mg/dl 0.52-1.04

eGFR - Calculated

262.92 mL/min/1.73 m²

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 - 9 mg/dL 7.0-17.0

SODIUM, SERUM - Direct ISE - Potentiometric 135 L mmol/L 137-145

CALCIUM, SERUM - Direct ISE - Potentiometric 2.8 L mmol/L 3.5-5.1

CHLORIDE - Direct ISE - Potentiometric 105 mmol/L 98-107

MAGNESIUM - Colorimetric - Arsenazo Method 7.0 L mg/dL 9.0-10.20

MAGNESIUM - Colorimetric - Formazan Dye 2.10 mg/dL 1.6-2.3

Report relates to samples sent with clinical history. Also refer to 'Methods' section for details.



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 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M02105080003	Collected On	: 08/05/2021 12:01 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 08/05/2021 03:52 AM
		Reported On	: 08/05/2021 06:16 AM
		Report Type	: Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
URIC ACID - Colorimetric - Uricase,Peroxidase	<u>0.9</u> L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	2.50	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	105	mg/dL	70-140 ADA Standards 2020

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse



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CIN : L85110KA2000PLC027497, Web: narayanahealth.org

MRN	: 10020001277899	Department	Unit of Narayana Health : MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: BONE MARROW
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M72105070041	Collected On	: 07/05/2021 05:30 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 07/05/2021 06:57 PM
		Reported On	: 22/05/2021 12:32 PM
		Report Type	: Final

BONE MARROW FOR C/S

Microbiology

Method Name : Automated Reflectance/ID-MALDI TOF MS/ Automated MIC
 Report Status : Final Report
 Incub Period : 48 hrs of incubation

 Remarks : No growth in culture after 48hours of incubation. Supplementary report, to follow in case of any further growth in culture..

Note:

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse




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 CIN: U55110KA2000PLC027497, Web: narayanahealth.org
 Dr. Annie Rafeena Sinazer
 MD Microbiology Associate
 Consultant



MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105070318
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : Unit of Narayana Health
 MEDICAL
 GASTROENTEROLOGY
 Specimen : BONE MARROW
 Visit Type : IP
 Collected On : 07/05/2021 04:58 PM
 Referred DR : Dr. Nandish H K
 Received On : 07/05/2021 06:28 PM
 Reported On : 10/05/2021 12:03 PM
 Report Type : Final

HAEMATOLOGY

BONE MARROW ASPIRATION REPORTING

Clinical History and Diagnosis

ASPIRATE QUALITY

Moderately edematous hypocellular.

CELLULARITY

Hypocellular smears with focally cellular imprints.

LYMPHOID LINEAGE

Mildly increased, composed of small lymphocytes.

MEGAKARYOCYTES

Reduced in number, normal in morphology.

ERYTHROPOEISIS

Display normoblastic maturation with scattered dyserythropoiesis.

MYELOPOEISIS

Show all stages of progressive maturation. Occasional giant myeloid precursors noted.

OTHERS

There is mild increase in RE activity with scattered mast cells.
 No evidence of atypical immature cells/parasites/granulomas/HLH.

PLASMA CELLS

Mature forms seen.

SITE

Posterior superior iliac spine (PSIS).

Report relates to sample tested. Kindly refer to 'Methods / Technique used' on the reverse side.



Dr. Deepak M B

MD, PDF (L.M.U) Haematology
 Consultant



Certified No.: M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648



MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105070318
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 Unit of Narayana Health
 GASTROENTEROLOGY
 Specimen : BONE MARROW
 Visit Type : IP
 Collected On : 07/05/2021 04:58 PM
 Referred DR : Dr. Nandish H K
 Received On : 07/05/2021 06:28 PM
 Reported On : 10/05/2021 12:03 PM
 Report Type : Final

HAEMATOLOGY

SPECIMEN

Ten bone marrow aspirate smears plus two imprints.

Morphogram (DC on 500 cells)
MYELOCYTES / METAMYELOCYTES

24%

LYMPHOCYTES

23%

PLASMA CELLS

02%

PROMYELOCYTES

01%

MONOCYTES

03%

EOSINOPHILS

02%

ERYTHROIDS

16%

BAND FORMS / NEUTROPHILS

28%

BLASTS

01%

IMPRESSION

Hypocellular marrow with evident trilineage haematopoiesis, mild increase in RE activity and no abnormal cells seen.

Report relates to sample tested.
Also refer to 'Methods / Techniques' of the review



Dr. Deepak M B

MD, PDF (Lab. Haematology)
Consultant



Certificate No.: M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648



L85110KA2000PLC027497, Web: narayanahealth.org



MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M22105070009
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
 Tamil Nadu, India

Department : Unit of Narayana Health
 MEDICAL
 GASTROENTEROLOGY
 Specimen : NA
 Visit Type : IP
 Collected On : 07/05/2021 04:58 PM
 Referred DR : Dr. Nandish H K
 Received On : 07/05/2021 06:28 PM
 Reported On : 11/05/2021 12:41 PM
 Report Type : Final

HISTOPATHOLOGY

BONE MARROW BIOPSY REPORTING

L No	H-2730/21 (BMA 364/21)
Specimen details	Specimen received in formalin consists of two linear cores measuring 1.5 cm to 1.0 cm in length.
Microscopy	Sections show - Fibrous tissue, cortical and cancellous bone with intervening varyingly cellular edematous marrow (Normocellular to moderately hypocellular). Erythroblasts are adequate and display normal maturation with presence of few early erythroid precursors. Myeloblasts show all stages of progressive maturation. Megakaryocytes are adequate and normal in morphology. Interspersed small lymphocytes, mature plasma cells and few macrophages noted. No evidence of abnormal cells/parasites/granulomas/HLH.
Impression	Varyingly cellular marrow displaying evident trilineage haematopoiesis and no abnormal cells seen.

Note: All histopathology reports need to be correlated with clinical findings.
 Additional remaining surgical specimens will be preserved for a period of 3 months.

Result Entered by



Dr. Deepak M B
 MD, PDF (Lab Haematology)
 Consultant



Certificate No. : M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No :
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen :
 Visit Type : IP
 Collected On : 07/05/2021 04:58 PM
 Referred DR : Dr. Nandish H K
 Received On : 07/05/2021 06:28 PM
 Reported On :
 Report Type :

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Page 4 of 4



Certificate No. : M-0087



Narayana Hrudayalaya Limited

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 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M32105070078
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : WHOLE BLOOD
Visit Type : IP
Collected On : 07/05/2021 02:07 AM
Referred DR : Dr. Nandish H K
Received On : 07/05/2021 03:53 AM
Reported On : 07/05/2021 02:35 PM
Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>7.00</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.36</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>19.8</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	84.0	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	29.80	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.40</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>19.40</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>70</u> L	Thousand / µL	150-450
<i>Comment: Platelet count verified manually.</i>			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>3.2</u> L	Thousand / µL	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	59	%	35-66
Lymphocytes	<u>21</u> L	%	24-44
Monocytes	<u>18</u> H	%	3-6
Eosinophils	02	%	0-3

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Techniques Used' in the relevant report.



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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No :
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
Specimen :
Visit Type : IP
Collected On : 07/05/2021 02:07 AM
Referred DR : Dr. Nandish H K
Received On : 07/05/2021 03:53 AM
Reported On :
Report Type :

Note:

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Page 2 / 2



Certificate No.: M-0087

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 CIN : L85110KA2000PLC027497, Web: narayanahealth.org



DEPARTMENT OF LABORATORY MEDICINE

Part of Narayana Health

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M02105070091	Collected On	: 07/05/2021 02:03 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 07/05/2021 05:21 AM
		Reported On	: 07/05/2021 06:29 AM
		Report Type	: Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT RANDOM)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	23.6	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.30</u> L	mg/dL	0.52-1.04
eGFR - Calculated	242.8	mL/min/1.73 m 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 - Urine	8	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	<u>131</u> L	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>2.9</u> L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	103	mmol/L	98-107
CREATINUM - Colorimetric - Arsenazo Method	<u>6.8</u> L	mg/dL	9.0-10.20
MAGNESIUM - Colorimetric - Formazan Dye	2.10	mg/dL	1.6-2.3

Report relates to sample tested with clinical findings.
Also refer to "Method" or "Technique used" on the reverse side.



Page 1 / 2



Certificate No. : M-0087

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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105070091
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 07/05/2021 02:03 AM
 Referred DR : Dr. Nandish H K
 Received On : 07/05/2021 05:21 AM
 Reported On : 07/05/2021 06:29 AM
 Report Type : Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
URIC ACID - Colorimetric - Uricase, Peroxidase	<u>0.7</u> L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	<u>1.60</u> L	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	72	mg/dL	70-140 ADA Standards 2020

Note:

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105070091
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 07/05/2021 02:03 AM
 Referred DR : Dr. Nandish H K
 Received On : 07/05/2021 05:21 AM
 Reported On : 07/05/2021 06:29 AM
 Report Type : Provisional

BIOCHEMISTRY

	Result	Unit	Biological Reference Interval
URIC ACID - Colorimetric - Uricase, Peroxidase	<u>0.7</u> L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	<u>1.60</u> L	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	72	mg/dL	70-140 ADA Standards 2020

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

-- End of Report --

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



Page 2 / 2



Narayana Hrudayalaya Limited

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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105070091
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 07/05/2021 02:03 AM
 Referred DR : Dr. Nandish H K
 Received On : 07/05/2021 05:21 AM
 Reported On : 07/05/2021 06:29 AM
 Report Type : Provisional

BIOCHEMISTRY

Result	Unit	Biological Reference Interval
--------	------	-------------------------------

RENAL PACKAGE - 2 (RFT RANDOM)

SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP
 Carboxylase

23.6 mmol/L 22-30

SERUM CREATININE

Serum Creatinine - Enzymatic Two point rate - creatinine
 Amidohydrolase

0.30 L	mg/dL	0.52-1.04
242.8 mL/min/1.73 m 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.

eGFR - Calculated

BLOOD UREA NITROGEN (BUN) - Endpoint/Colorimetric - Urea

8 mg/dL	7.0-17.0
131 mmol/L	137-145
2.9 mmol/L	3.5-5.1
103 mmol/L	98-107
6.8 mg/dL	9.0-10.20
2.10 mg/dL	1.6-2.3

SODIUM, SERUM - Direct ISE - Potentiometric

POTASSIUM, SERUM - Direct ISE - Potentiometric

CHLORIDE - Direct ISE - Potentiometric

CALCIUM - Colorimetric - Arsenazo Method

MAGNESIUM - Colorimetric - Formazan Dye

Report relates to sample collected on [REDACTED]



Page 1 / 2



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M22105070009
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
Specimen : NA
Visit Type : IP
Collected On : 07/05/2021 04:58 PM
Referred DR : Dr. Nandish H K
Received On : 07/05/2021 06:28 PM
Reported On : 11/05/2021 12:41 PM
Report Type : Final

HISTOPATHOLOGY

BONE MARROW BIOPSY REPORTING

Lab No

H-2730/21 (BMA 364/21)

details

Microscopy

Specimen received in formalin consists of two linear cores measuring 1.5 cm to 1.0 cm in length.

Sections show -

Fibrous tissue, cortical and cancellous bone with intervening varyingly cellular edematous marrow (Normocellular to moderately hypocellular). Erythroblasts are adequate and display normal maturation with presence of few early erythroid precursors. Myeloblasts show all stages of progressive maturation. Megakaryocytes are adequate and normal in morphology. Interspersed small lymphocytes, mature plasma cells and few macrophages noted.

No evidence of abnormal cells/parasites/granulomas/HLH.

Impression

Varyingly cellular marrow displaying evident trilineage haematopoiesis and no abnormal cells seen.

Note:

All histopathology reports need to be correlated with clinical findings.

Additional remaining surgical specimens will be preserved for a period of 3 months.

Result Entered by

Dr. Deepak M B
 MD, PDF (Lab Haematology)
 Consultant



Narayana Hrudayalaya Limited

Page 3 of 4 Previously Narayana Hrudayalaya Pvt. Ltd.) CIN: L85110KA2000PLC027497

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Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M32105070318
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : BONE MARROW
Visit Type : IP
Collected On : 07/05/2021 04:58 PM
Referred DR : Dr. Nandish H K
Received On : 07/05/2021 06:28 PM
Reported On : 10/05/2021 12:03 PM
Report Type : Final

HAEMATOLOGY

BONE MARROW ASPIRATION REPORTING

Clinical History and Diagnosis

CLINICAL HISTORY AND DIAGNOSIS **BMA 364/21**
History of jaundice, fever, weakness in January 2021. Taken alternative medicine treatment from January to April 15th 2021. Brief asymptomatic period in March and April. Now presented to medgastro OPD for fever, jaundice. On evaluation icterus (+). No lymphadenopathy, pedal edema and ascites (+).

SITE	Posterior superior iliac spine (PSIS).
SPECIMEN	Ten bone marrow aspirate smears plus two imprints.
ASPIRATE QUALITY	Moderately edematous hypocellular.
CELLULARITY	Hypocellular smears with focally cellular imprints.
ERYTHROPOIESIS	Display normoblastic maturation with scattered dyserythropoiesis.
MYELOPOIESIS	Show all stages of progressive maturation. Occasional giant myeloid precursors noted.
MEGAKARYOCYTES	Reduced in number, normal in morphology.
LYMPHOID LINEAGE	Mildly increased, composed of small lymphocytes.

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



Dr. Deepak M B
MD, PDF (Lab Haematology)
Consultant



Page 1 / 3

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M32105070318
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : BONE MARROW
Visit Type : IP
Collected On : 07/05/2021 04:58 PM
Referred DR : Dr. Nandish H K
Received On : 07/05/2021 06:28 PM
Reported On : 10/05/2021 12:03 PM
Report Type : Final

HAEMATOLOGY

PLASMA CELLS	Mature forms seen.
OTHERS	There is mild increase in RE activity with scattered mast cells. No evidence of atypical immature cells/parasites/granulomas/HLH.
Myelogram (DC on 500 cells)	
BLASTS	01%
PROMYELOCYTES	01%
MYELOCYTES / METAMYELOCYTES	24%
BAND FORMS / NEUTROPHILS	28%
LYMPHOCYTES	23%
EOSINOPHILS	02%
MONOCYTES	03%
PLASMA CELLS	02%
ERYTHROIDS	16%
IMPRESSION	Hypocellular marrow with evident trilineage haematopoiesis, mild increase in RE activity and no abnormal cells seen.

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



Dr. Deepak M B
MD, PDF (Lab Haematology)
Consultant



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No :
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen :
Visit Type : IP
Collected On : 07/05/2021 04:58 PM
Referred DR : Dr. Nandish H K
Received On : 07/05/2021 06:28 PM
Reported On :
Report Type :

-- End of Report --

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



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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105070318
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
 Tamil Nadu, India

Department : Unit of Narayana Health
 Specimen : MEDICAL GASTROENTEROLOGY
 Visit Type : BONE MARROW
 Collected On : 07/05/2021 04:58 PM
 Referred DR : Dr. Nandish H K
 Received On : 07/05/2021 06:28 PM
 Reported On : 10/05/2021 12:03 PM
 Report Type : Final

HAEMATOLOGY

BONE MARROW ASPIRATION REPORTING

Clinical History and Diagnosis

ASPIRATE QUALITY

CELLULARITY

LYMPHOID LINEAGE

MEGAKARYOCYTES

ERYTHROPOEISIS

MYELOPOEISIS

OTHERS

PLASMA CELLS

SITE

Moderately edematous hypocellular.

Hypocellular smears with focally cellular imprints.

Mildly increased, composed of small lymphocytes.

Reduced in number, normal in morphology.

Display normoblastic maturation with scattered dyserythropoiesis.

Show all stages of progressive maturation. Occasional giant myeloid precursors noted.

There is mild increase in RE activity with scattered mast cells.
 No evidence of atypical immature cells/parasites/granulomas/HLH.

Mature forms seen.

Posterior superior iliac spine (PSIS).

Dr. Deepak M B
 MD, PDF (Lab Haematology)
 Consultant



080-7122 2222

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 Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M32105070318
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur,
 Tamil Nadu, India

Department : MEDICAL
 Unit of Narayana Health
GASTROENTEROLOGY
Specimen : BONE MARROW
Visit Type : IP
Collected On : 07/05/2021 04:58 PM
Referred DR : Dr. Nandish H K
Received On : 07/05/2021 06:28 PM
Reported On : 10/05/2021 12:03 PM
Report Type : Final

HAEMATOLOGY

SPECIMEN

Ten bone marrow aspirate smears plus two imprints.

Myelogram (DC on 500 cells)

MYELOCYTES / METAMYELOCYTES

24%

LYMPHOCYTES

23%

PLASMA CELLS

02%

PROMYELOCYTES

01%

MONOCYTES

03%

EOSINOPHILS

02%

ERYTHROIDS

16%

BAND FORMS / NEUTROPHILS

28%

BLASTS

01%

IMPRESSION

Hypocellular marrow with evident trilineage haematopoiesis, mild increase in RE activity and no abnormal cells seen.

Dr. Deepak M B
MD, PDF (Lab Haematology)
Consultant



Narayana Hrudayalaya Limited

Page 2 of 4 Previously Narayana Hrudayalaya Pvt. Ltd.) CIN: L85110KA2000PLC027497
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Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : C52105060086
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : PLASMA
Visit Type : IP
Collected On : 06/05/2021 01:13 PM
Referred DR : Dr. Nandish H K
Received On : 06/05/2021 02:41 PM
Reported On : 06/05/2021 04:03 PM
Report Type : Final

COAGULATION

Result	Unit	Biological Reference Interval
<u>59.30</u> L	mg/dL	133-373

Test

FIBRINOGEN ASSAY - Clauss method

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

-- End of Report --

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



Dr. Deepak M B
MD, PDF (Lab Haematology)
Consultant



Narayana Hrudayalaya Limited

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Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
CIN : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M12105050166
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 05/05/2021 02:01 PM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:28 PM
Reported On : 08/05/2021 09:34 AM
Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
Scl 70	Negative		
CENP-B	Negative		
SS-B/La	Negative		
ds DNA	Negative		
Ribosomal-P-Protein	Negative		
RNP/Sm	Negative		
Jo - I	Negative		
Nucleosomes	Negative		
PCNA	Negative		

Interpretations: Results in the borderline range (+) should be evaluated as negative.

Limitations: An indirect immunofluorescence test should always be performed in parallel with the determination of nuclear antibodies by blot assay. Immunofluorescence permits the detection of a wider range of cell nucleus antibodies, as not all cell nucleus antigens are presently available in the blot.



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105050407
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 02:01 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:28 PM
 Reported On : 08/05/2021 04:02 PM
 Report Type : Final

BIOCHEMISTRY

Test

CERULOPLASMIN - Immunoturbidimetry

	Result	Unit	Biological Reference Interval
	0.18	g/L	0.16-0.45

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Dr. lyshwarya U MBBS , MD.

Associate Consultant - Biochemistry



Certificate No. : M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

Unit of Narayana Health

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : MM2105050018
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 05/05/2021 02:01 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:28 PM
 Reported On : 05/05/2021 04:51 PM
 Report Type : Final

BLOOD BANK

Result	Unit	Biological Reference Interval
--------	------	-------------------------------

BLOOD GROUP & RH TYPING

Blood Group AB
 Rh Typing POS

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

-- End of Report --

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

10pc urgent given me.
 J/K MCW.
Adoni

Dr. Prathip Kumar B RCONSULTANT



Page 3 / 3



Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M62105050005
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
Specimen : URINE
Visit Type : IP
Collected On : 05/05/2021 01:35 AM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:37 AM
Reported On : 05/05/2021 07:44 AM
Report Type : Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
------	--------	------	-------------------------------

URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume	30	ml	
Colour	Pale yellow		
Appearance	Clear		
Sp. Gravity - Automated	<u>>=1.030 L</u>		1.002-1.03

CHEMICAL EXAMINATION

pH(REACTION) - pH indicator method	6.0		4.8-7.5
Protein ,Error of indicators	Negative		
Urine Glucose - GOD/POD	Negative	.	
Ketone Bodies ,Rother's principle	Trace		
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		

MICROSCOPIC EXAMINATION



Dr. Shalini K S, DCP, DNB Junior
Consultant Laboratory Haematology



Narayana Hrudayalaya Limited

Page 6 of 7



NH Health City, 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Fax: +91 80 2783 2648. info.msmc@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M62105050005
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : URINE
Visit Type : IP
Collected On : 05/05/2021 01:35 AM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:37 AM
Reported On : 05/05/2021 07:44 AM
Report Type : Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
Pus Cells	1-2/hpf	/HPF	0-2
Epithelial Cells	2-3/hpf L	/HPF	2-3

Note:

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



Dr. Shalini K S, DCP, DNB Junior
Consultant Laboratory Haematology



Narayana Hrudayalaya Limited

Page 6 of 7

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Certificate No.: MC-2688

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: URINE
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M72105050009	Collected On	: 05/05/2021 01:35 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 05/05/2021 03:37 AM
		Reported On	: 08/05/2021 12:25 PM
		Report Type	: Final

URINE FOR CULTURE & SENSITIVITY

Microbiology

Method Name	: Manual calibrated loop method/ID MALDI TOF MS/ Automated MIC
Report Status	: Final Report
Specimen	: Urine
Incub Period	: 48 hrs of incubation
Remarks	: No growth in culture after 48hours of incubation.

Note:

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

-- End of Report --



NH Helpline
080-7122 2222

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105210185
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 21/05/2021 10:31 AM
 Referred DR : Dr. Nandish H K
 Received On : 21/05/2021 11:17 AM
 Reported On : 21/05/2021 02:16 PM
 Report Type : Final

HAEMATOLOGY
PERIPHERAL SMEAR EXAMINATION

RBCs	Normocytic normochromic with hypochromic cells target cells and fragmented cells
W.B.Cs	Relative neutrophilia
Platelets	Decreased on smear.
Haemoparasites	No malaria or any other haemoparasite seen
Impression	Bicytopenia with relative neutrophilia

-- End of Report --




Dr. Shalini K S, DCP, DNBJunior
 Consultant Laboratory Haematology



Narayana Hrudayalaya Limited

Page 1/1

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Registered Office: NH Health City, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M62105050005
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
Specimen : GASTROENTEROLOGY
Visit Type : URINE
Collected On : IP
Referred DR : 05/05/2021 01:35 AM
Received On : Dr. Nandish H K
Reported On : 05/05/2021 03:37 AM
Report Type : 05/05/2021 07:44 AM
Final

CLINICAL PATHOLOGY

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

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



Page 5 of 8

Dr. Shalini K S, DCP, DNBJunior
Consultant Laboratory Haematology



Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
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 CIN : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M62105050005
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : URINE
 Visit Type : IP
 Collected On : 05/05/2021 01:35 AM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:37 AM
 Reported On : 05/05/2021 07:44 AM
 Report Type : Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION(Manual Method)			
Volume	30	ml	
Colour	Pale yellow		
Appearance	Clear		
Sp. Gravity - Automated	<u>>=1.030</u> L		1.002-1.03
CHEMICAL EXAMINATION(Automated Dipstick Method)			
pH(REACTION) - pH indicator method	6.0		4.8-7.5
Protein ,Error of indicators	Negative		
Urine Glucose - GOD/POD	Negative		
Bile Bodies ,Rother's principle	Trace		
Bile Salts ,Diaz reaction	Negative		
Bilirubin (Bilirubin) ,Diaz 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		

MICROSCOPIC EXAMINATION

Report relates to samples sent with this report.



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M62105050050
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : Fluid
 Visit Type : IP
 Collected On : 05/05/2021 06:29 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 08:49 PM
 Reported On : 06/05/2021 10:30 AM
 Report Type : Final

CLINICAL PATHOLOGY

Test

Result

Unit

 Biological
 Reference
 Interval

PERITONEAL / ASCITIC FLUID - CLINICAL PATHOLOGY
PHYSICAL EXAMINATION

Volume	10 ml
Colour	Pale Yellow
Appearance	Clear
PH	8.0

MICROSCOPY

Cell Count	50cells/cumm
------------	--------------

CELL TYPE

Polymorphs	10%
Lymphocytes	90%

 Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse side.

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



Page 3 of 4

Dr. Deepak M B

MD, PDF (Lab Haematology)

Consultant



NHI Helpline

080-7122 2222

Certificate No.: M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org



MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M72105050055
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Unit of Narayana Health
 Department : MEDICAL GASTROENTEROLOGY
 Specimen : PERITONEAL FLUID
 Visit Type : IP
 Collected On : 05/05/2021 06:29 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 08:49 PM
 Reported On : 08/05/2021 02:04 PM
 Report Type : Final

PERITONEAL FLUID/ ASCITIC FLUID FOR C/ S

Microbiology

Report Status : Final Report
 Specimen : Peritoneal Fluid
 Incub Period : 48 hrs of incubation
 Remarks : No growth in culture after 48hours of incubation.

Note:

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Page 4 of 4



Dr. A. Narayana Murthy, Chairman

Narayana Health City Limited

Certificate No.: M-0087

NH Healthline

080-7122 2222



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02105050407
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 05/05/2021 02:01 PM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:28 PM
Reported On : 08/05/2021 04:02 PM
Report Type : Final

BIOCHEMISTRY

Test

Test	Result	Unit	Biological Reference Interval
CERULOPLASMIN - Immunoturbidimetry	0.18	g/L	0.16-0.45

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse




Dr. Iyshwarya U MBBS , MD.
 Associate Consultant - Biochemistry


Certificate No : M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105050345
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 12:31 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 02:06 PM
 Reported On : 05/05/2021 07:31 PM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LDH TOTAL - Multipoint Rate - Pyruvate to Lactate	<u>1052</u> H	U/L	120-246
Comment: RESULTED IN 1:2 DILUTION			
SERUM FERRITIN - Enhanced chemiluminescence	<u>19000.0</u> H	ng/mL	6.24-137
Comment: RESULTED IN 1:20 DILUTION			

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse.



Dr. Jyshwarya U MBBS, MD,
 Associate Consultant - Biochemistry



Helpline
080-7122 2222

Certificate No. M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105050345
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 12:31 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 02:06 PM
 Reported On : 05/05/2021 03:31 PM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
TRIGLYCERIDES - LPL/GK	343 H	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500

Note:

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

Report relates to sample tested. Kindly correlate with clinical findings.
 Asterisk refers to 'Methods / Technique used' on the reverse

D. P.R Rekha

Dr. P.R Rekha PR MBBS MD Pathology
 Consultant Histopathology and Lab
 Director



EMERGASAMY S MSc,
 Senior Biochemist

1800-4250-4250

Dr. Iyshwarya U MBBS , MD.
 Associate Consultant - Biochemistry

Mrs. Latha B S. M.Sc., M.P.
 Consultant Biochemis!



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These tests are auto-approved

Page 2 of 3

Certificate No. : M-0087

Narayana Hrudayalaya Limited

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MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M32105050246
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Unit of Narayana Health
Department : MEDICAL
 GASTROENTEROLOGY
Specimen : WHOLE BLOOD
Visit Type : IP
Collected On : 05/05/2021 12:31 PM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 02:06 PM
Reported On : 06/05/2021 10:55 AM
Report Type : Final

HAEMATOLOGY

PERIPHERAL SMEAR EXAMINATION

RBCs	Normocytic normochromic.
W.B.Cs	Normal in number and morphology with few myeloid precursors
Platelets	Mildly reduced.
Haemoparasites	Nil
Abnormal Cells	Nil
Impression	Normocytic normochromic anemia with mild left shift and mild thrombocytophenia

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse



Dr. Sudarshan Chougule, MD.
Consultant & Head - Haematology,
Flow Cytometry



NH Helpline
080-7122 2222

Certificate No. : M-0087

Narayana Hrudayalaya Limited

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 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : U51100KA2000PLC027497, Web: narayanahealth.org



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M021050502
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96 A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : Fluid
 Visit Type : IP
 Collected On : 05/05/2021 06:29 PM
 Referred DR : Dr. Nandish H K
 Rec'd On : 05/05/2021 08:49 PM
 Reported On : 06/05/2021 07:33 AM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
PERITONEAL / ASCITIC FLUID- BIOCHEMISTRY			
Albumin	<1.0	gm/dL	
Amylase	<30	U/L	
Chloride	104	gm/dL	
Glucose	<u>146</u> H	mg/dl	60-100
LDH	<u>107</u> L	U/L	230-460
Total Protein	<u><2.0</u> L	gm/dl	1.0-3.0

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse




Dr. Iyshwarya U MBBS, MD.
 Associate Consultant Biochemistry




Certificate No.: M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M021050503
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : BODY FLUID
 Visit Type : IP
 Collected On : 05/05/2021 06:29 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 08:49 PM
 Reported On : 07/05/2021 03:23 PM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
ADA (ADENOSINE DEAMINASE - BODY FLUID) - Enzymatic(PNP/XOD)	8.30	U/L	Serum: 0 - 15 U/L CSF: Normal : <10 U/L Positive : >10 U/L Pleural, Pericardia I & Ascitic Fluids: Normal : <40 U/L Suspect : 40 - 60 U/L Positive : > 60 U/L

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Page 1 of 4

Dr. Iyshwarya U MBBS, MD.
 Associate Consultant - Biochemistry

 Certificate No.: M-0087
Narayana Hrudayalaya Limited

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 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: PERITONEAL FLUID
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M72105050055	Collected On	: 05/05/2021 06:29 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 05/05/2021 08:49 PM
		Reported On	: 08/05/2021 02:04 PM
		Report Type	: Final

PERITONEAL FLUID/ ASCITIC FLUID FOR C/S

Microbiology

Report Status	: Final Report
Specimen	: Peritoneal Fluid
Incub Period	: 48 hrs of incubation

Remarks : No growth in culture after 48hours of incubation.

Note:

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

-- End of Report --



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: Fluid
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M62105050050	Collected On	: 05/05/2021 06:29 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 05/05/2021 08:49 PM
		Reported On	: 06/05/2021 10:30 AM
		Report Type	: Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
PERITONEAL / ASCITIC FLUID - CLINICAL PATHOLOGY			
PHYSICAL EXAMINATION			
Volume	10 ml		
Colour	Pale Yellow		
Appearance	Clear		
PH	8.0		
MICROSCOPY			
Cell Count	50cells/cumm		
CELL TYPE			
Polymorphs	10%		
Lymphocytes	90%		

Note:

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

Dr. Deepak M B
MD, PDF (Lab Haematology)
Consultant

Page 3 of 4



Appointments
1800-309-0309 (Toll Free)

Emergencies

97384 97384





DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105050407
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 02:01 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:28 PM
 Reported On : 08/05/2021 04:02 PM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
CERULOPLASMIN - Immunoturbidimetry	0.18	g/L	0.16-0.45

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Dr. Iyshwarya U MBBS , MD.

Associate Consultant - Biochemistry



NH Helpline
080-7122 2222

Certificate No. : M-0087

Narayana Hrudayalaya Limited



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M12105050166
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 02:01 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:28 PM
 Reported On : 08/05/2021 09:34 AM
 Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
ANTI NUCLEAR ANTIBODY PROFILE (ANA PROFILE)			
ANA IMMUNOFLUOROSCEENCE			
ANA IMMUNOFLUOROSCEENCE	Negative		
DILUTION	1:100		
RESULT	Negative		

Interpretations: The indirect immunofluorescence test (IIFT) is the gold standard for the determination of antibodies against nuclear antigens (ANA, including cytoplasmic components). The cell nuclei show a distinct fluorescence, which is characterized by certain patterns. In the case of negative samples, the nuclei show no specific fluorescence.

Limitations: A diagnosis should not be made on a single test result. The clinical symptoms of the patient should always be taken into account along with the serological results.

Report relates to sample tested. I findings.
Also refer to 'Methods & Techniques' on reverse side.

ANA IMMUNOBLOT

SSA/Ro 52	Negative
M Scl	Negative
AMA M2	Negative
Histones	Negative
SEA/Ro 60	Negative
	Negative



Dr Annie Rofeena Sinazer MD

Microbiology Associate Consultant



Certificate No. : M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M12105050166	Collected On	: 05/05/2021 02:01 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 05/05/2021 03:28 PM
		Reported On	: 08/05/2021 09:34 AM
		Report Type	: Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
Scl 70	Negative		
CENP-B	Negative		
SS-B/La	Negative		
ds DNA	Negative		
Ribosomal-P-Protein	Negative		
RNP/Sm	Negative		
Jo - I	Negative		
Nucleosomes	Negative		
PCNA	Negative		

Interpretations: Results in the borderline range (+) should be evaluated as negative.

Limitations: An indirect immunofluorescence test should always be performed in parallel with the determination of cell nucleus antibodies by blot assay. Immunofluorescence permits the detection of a wider range of cell nucleus antibodies, as not all cell nucleus antigens are presently available in the blot.

Report relates to sample tested. Kindly correlate with clinical presentation.
 Also refer to 'Methods / Technique used' on the reverse side.



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : MM2105050018
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 05/05/2021 02:01 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:28 PM
 Reported On : 05/05/2021 04:51 PM
 Report Type : Final

BLOOD BANK

Test	Result	Unit	Biological Reference Interval
BLOOD GROUP & RH TYPING			
Blood Group	AB		
Rh Typing	POS		

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse

Test

BLOOD GROUP & RH TYPING

Blood Group

AB

Rh Typing

POS

-- End of Report --



Page 4 / 4

Dr. Prathip Kumar B RCONSULTANT



Certificate No. : M-0087

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 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : MM2105050018
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : WHOLE BLOOD
Visit Type : IP
Collected On : 05/05/2021 02:01 PM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:28 PM
Reported On : 05/05/2021 04:51 PM
Report Type : Final

BLOOD BANK

Test

Result	Unit	Biological Reference Interval
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BLOOD GROUP & RH TYPING

Blood Group	AB
Rh Typing	POS

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

-- End of Report --



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M12105050207
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 03:34 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 04:09 PM
 Reported On : 06/05/2021 07:44 AM
 Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
SERUM IMMUNOGLOBULIN (IGA IGM IGG) Quantitative Immuno-turbidimetric Assay			
Immunoglobulin Ig A	1.01	g/L	Age 0-1 years: 0-.83 Age 1-3 years: 0.20-1.00 Age 4-6 years:0.27-1.95 Age 7-9 years: 0.34-3.05 Age 10-11 years: 0.53-2.04 Age 12-13 years: 0.58-3.58 Age 14-15 years: 0.47-2.49 Age 16-19 years: 0.61-3.48 Age >19 years: 0.70-4.00

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse side.



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M12105050207	Collected On	: 05/05/2021 03:34 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 05/05/2021 04:09 PM
		Reported On	: 06/05/2021 07:44 AM
		Report Type	: Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
Immunoglobulin Ig G	12.67	g/L	Age 0-1 years: 2.31-14.11 Age 1-3 years: 4.53-9.16 Age 4-6 years: 5.04-14.64 Age 7-9 years: 5.72-14.74 Age 10-11 years: 6.98-15.60 Age 12-13 years: 7.59-15.49 Age 14-15 years: 7.16-17.11 Age 16-19 years: 5.49-15.84 Age >19 years: 7 -16



Dr. Mallika Reddy KMBBS, MD
Consultant



Appointments

1800-309-0309 (Toll Free)

Emergencies

97384 97384

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M12105050207	Collected On	: 05/05/2021 03:34 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 05/05/2021 04:09 PM
		Reported On	: 06/05/2021 07:44 AM
		Report Type	: Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
Immunoglobulin Ig M	1.77	g/L	Age 0-1 years: 0-1.45 Age 1-3 years: 0.19-1.46 Age 4-6 years: 0.24-2.10 Age 7-9 years: 0.31-2.08 Age 10-11 years: 0.31-1.79 Age 12-13 years: 0.35-2.39 Age 14-15 years: 0.15-1.88 Age 16-19 years: 0.23-2.59 Age >19 years: 0.40-2.30

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

-- End of Report --



Dr. Mallika Reddy KMBBS, MD
Consultant



Appointments

1800-309-0309 (Toll Free)

Emergencies

97384 97384

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M32105050072
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : WHOLE BLOOD
Visit Type : IP
Collected On : 05/05/2021 01:35 AM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:37 AM
Reported On : 05/05/2021 12:17 PM
Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>9.30</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>3.11</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>26.5</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	85.2	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.00	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.30</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>19.10</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>105</u> L	Thousand / µL	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	5.6	Thousand / µL	4.0-10.0

 Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Techniques used' on the reverse side.
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy

Neutrophils	<u>77</u> H	%	35-66
Lymphocytes	<u>17</u> L	%	24-44
Monocytes	04	%	3-6
Eosinophils	01	%	0-3
Basophils	01	%	0-1




DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105050080
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 01:35 AM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:37 AM
 Reported On : 05/05/2021 06:58 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>18.70</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>10.15</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>8.55</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>4.7</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>1.9</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.8	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	<u>0.68</u> L		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>122</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>109</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitrophenyl Phosphate, AMP buffer	<u>206</u> H	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>101</u> H	U/L	12-43

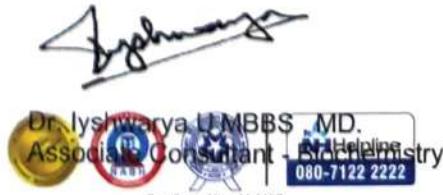
Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to Methods & Techniques used for the results.

RENAL PACKAGE - 2 (RFT RANDOM)

SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	<u>21.0</u> L	mmol/L	22-30
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SERUM CREATININE

Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	0.52	mg/dl	0.52-1.04
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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02105050080
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 05/05/2021 01:35 AM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:37 AM
Reported On : 05/05/2021 06:58 AM
Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
eGFR - Calculated	128.7	mL/min/1.73 m 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	12	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	125 L	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	3.0 L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE – Potentiometric	100	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	6.3 P	mg/dL	9.0-10.20
MAGNESIUM - Colorimetric - Formazan Dye	2.01	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase, Peroxidase	1.1 L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	3.12	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	131	mg/dL	70-140 ADA Standards 2020

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse side.



Dr. Jyshwarya U MBBS, MD
Associate Consultant - Biochemistry

080-7122 2222

Certificate No.: M-0087

Narayana Hrudayalaya Limited

Page 3 of 7

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CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: C52105050014	Collected On	: 05/05/2021 01:35 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 05/05/2021 03:37 AM
		Reported On	: 05/05/2021 07:52 AM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>24.6</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>2.38</u> H		0.9-1.06
PTT (ACTIVATED THROMBOPLASTIN TIME) Optical - clot detection			
PTT	<u>47.4</u> H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	<u>1.80</u> H	sec	0.8-1.1

Comment: Note: Kindly correlate clinically.



Dr. Shalini K S, DCP, DNBJunior
Consultant Laboratory Haematology

Appointments

1800-309-0309 (Toll Free)



Emergencies

97384 97384

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M62105050005
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : URINE
 Visit Type : IP
 Collected On : 05/05/2021 01:35 AM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:37 AM
 Reported On : 05/05/2021 07:44 AM
 Report Type : Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
------	--------	------	-------------------------------

URINE ROUTINE & MICROSCOPY
PHYSICAL EXAMINATION

Volume	30	ml
Colour	Pale yellow	
Appearance	Clear	
Sp. Gravity - Automated	<u>>=1.030 L</u>	1.002-1.03

CHEMICAL EXAMINATION

pH(REACTION) - pH indicator method	6.0	4.8-7.5
Protein ,Error of indicators	Negative	
Urine Glucose - GOD/POD	Negative	
Ketone Bodies ,Rother's principle	Trace	
Bile Salts ,Diaz reaction	Negative	
Bile Pigment (Bilirubin) ,Diaz reaction	Negative	
Bilirubin ,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	

MICROSCOPIC EXAMINATION

Report relates to sample No. _____
 Also refer to Method No. _____



Page 5 of 7

Dr. Shalini K S, DCP, DNB Junior
 Consultant Laboratory Haematology

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 CIN : U85110KA2000PLC027497, Web: narayanahealth.org

Certificate No. : M-0087

Narayana Hrudayalaya Limited



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M62105050005
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : URINE
Visit Type : IP
Collected On : 05/05/2021 01:35 AM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:37 AM
Reported On : 05/05/2021 07:44 AM
Report Type : Final

CLINICAL PATHOLOGY

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

Note:

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

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse



Page 6 of 7

Shalini
Dr. Shalini K S, DCP, DNB Junior
Consultant Laboratory Haematology
Narayana Hrudayalaya Limited
Certificate No.: M-0087
080-7122 2222

NH Health City, No. 258/A, Bommasandra Industrial Area
Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
CIN : U85110KA2000PLC027497, Web: narayanahealth.org



MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M72105050009
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
 Tamil Nadu, India

Unit of Narayana Health
 Department : MEDICAL GASTROENTEROLOGY
 Specimen : URINE
 Visit Type : IP
 Collected On : 05/05/2021 01:35 AM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:37 AM
 Reported On : 08/05/2021 12:25 PM
 Report Type : Final

URINE FOR CULTURE & SENSITIVITY

Microbiology

Method Name : Manual calibrated loop method/ID MALDI TOF MS/ Automated MIC
 Report Status : Final Report
 Specimen : Urine
 Incub Period : 48 hrs of incubation
 Remarks : No growth in culture after 48hours of incubation.

Note:

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M12105050166
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 05/05/2021 02:01 PM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:28 PM
Reported On : 08/05/2021 09:34 AM
Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
------	--------	------	-------------------------------

ANTI NUCLEAR ANTIBODY PROFILE (ANA PROFILE)
ANA IMMUNOFLUOROSCENCE

ANA IMMUNOFLUOROSCENCE	Negative
DILUTION	1:100
RESULT	Negative

Interpretations: The indirect immunofluorescence test (IIFT) is the gold standard for the determination of antibodies against nuclear antigens (ANA, including cytoplasmic components). The cell nuclei show a distinct fluorescence, which is characterized by certain patterns. In the case of negative samples, the nuclei show no specific fluorescence.

Limitations: A diagnosis should not be made on a single test result. The clinical symptoms of the patient should always be taken into account along with the serological results.

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse side.

ANA IMMUNOBLOT

SS-A/Ro 52	Negative
PM-Scl	Negative
AMA M2	Negative
Histones	Negative
SS-A/Ro 60	Negative
Sm	Negative




Dr Annie Rofeena SinazerMD
 Microbiology Associate Consultant

 Certificate No.: M-0087
Narayana Hrudayala Limited



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M12105050166
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 05/05/2021 02:01 PM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:28 PM
Reported On : 08/05/2021 09:34 AM
Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
Sel 70	Negative		
CENP-B	Negative		
SS-B/La	Negative		
ds DNA	Negative		
Ribosomal-P-Protein	Negative		
RNP/Sm	Negative		
Jo - I	Negative		
Nucleosomes	Negative		
PCNA	Negative		

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse side.

Interpretations: Results in the borderline range (+) should be evaluated as negative.

Limitations: An indirect immunofluorescence test should always be performed in parallel with the determination of cell nucleus antibodies by blot assay. Immunofluorescence permits the detection of a wider range of cell nucleus antibodies, as not all cell nucleus antigens are presently available in the blot .



05/05/2021

Alofeena
Dr Annie Rofeena SinazerMD
Microbiology Associate Consultant

080-7122 2222

Certificate No. M-0087
Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105050502
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : Fluid
 Visit Type : IP
 Collected On : 05/05/2021 06:29 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 08:49 PM
 Reported On : 06/05/2021 07:33 AM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
PERITONEAL / ASCITIC FLUID- BIOCHEMISTRY			
Albumin	<1.0	gm/dL	
Amylase	<30	U/L	
Chloride	104	gm/dL	
Glucose	<u>146</u> H	mg/dl	60-100
LDH	<u>107</u> L	U/L	230-460
Total Protein	<u><2.0</u> L	gm/dl	1.0-3.0

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Page 2 of 4


 Dr. Iyshwarya U MBBS, MD.
 Associate Consultant | Biochemistry
 NH Helpline
 080-7122 2222

Certificate No. M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105050503
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : BODY FLUID
 Visit Type : IP
 Collected On : 05/05/2021 06:29 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 08:49 PM
 Reported On : 07/05/2021 03:23 PM
 Report Type : Final

BIOCHEMISTRY

Test

Result

Unit

Biological
Reference
Interval

Serum: 0 - 15
 U/L
 CSF:
 Normal : <10
 U/L
 Positive : >10
 U/L
 Pleural, Pericardia
 l & Ascitic
 Fluids:
 Normal : <40
 U/L
 Suspect : 40 - 60
 U/L
 Positive : > 60
 U/L

ADA (ADENOSINE DEAMINASE - BODY FLUID) -
 Enzymatic(PNP/XOD)

8.30

U/L

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse





DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M021050503
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : BODY FLUID
Visit Type : IP
Collected On : 05/05/2021 06:29 PM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 08:49 PM
Reported On : 07/05/2021 03:23 PM
Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
ADA (ADENOSINE DEAMINASE - BODY FLUID) - Enzymatic(PNP/XOD)	8.30	U/L	Serum: 0 - 15 U/L CSF: Normal : <10 U/L Positive : >10 U/L Pleural, Pericardia l & Ascitic Fluids: Normal : <40 U/L Suspect : 40 - 60 U/L Positive : > 60 U/L

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse



Page 1 of 4


 Dr. Iyshwarya U MBBS, MD.
 Associate Consultant - Biochemistry

 NH Helpline
 080-7122 2222

Certificate No. : M-0087

Narayana Hrudayalaya Limited

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 CIN : L85110KA2000PLC027497, Web: narayanahealth.org



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: Fluid
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M02105050502	Collected On	: 05/05/2021 06:29 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 05/05/2021 08:49 PM
		Reported On	: 06/05/2021 07:33 AM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
PERITONEAL / ASCITIC FLUID- BIOCHEMISTRY			
Albumin	<1.0	gm/dL	
Amylase	<30	U/L	
Chloride	104	gm/dL	
Glucose	<u>146</u> H	mg/dl	60-100
LDH	<u>107</u> L	U/L	230-460
Total Protein	<u><2.0</u> L	gm/dl	1.0-3.0

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse



Page 2 of 4

Dr. Iyshwarya U MBBS, MD.
Associate Consultant Biochemistry

Certificate No.: M-0087
Narayana Hrudayalaya Limited

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CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M62105050050
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : Fluid
 Visit Type : IP
 Collected On : 05/05/2021 06:29 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 08:49 PM
 Reported On : 06/05/2021 10:30 AM
 Report Type : Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
------	--------	------	-------------------------------

PERITONEAL / ASCITIC FLUID - CLINICAL PATHOLOGY**PHYSICAL EXAMINATION**

Volume	10 ml
Colour	Pale Yellow
Appearance	Clear
PH	8.0

MICROSCOPY

Cell Count	50cells/cumm
------------	--------------

CELL TYPE

Polymorphs	10%
Lymphocytes	90%

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

Also refer to 'Methods / Technique used' on the reverse side.

Note:

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



Dr. Deepak M B

MD, PDF, Job Haematology
 Consultant



Certificate No: M-0087

Narayana Hrudayalaya Limited

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M72105050009
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Unit of Narayana Health
 Department : MEDICAL GASTROENTEROLOGY
 Specimen : URINE
 Visit Type : IP
 Collected On : 05/05/2021 01:35 AM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:37 AM
 Reported On : 08/05/2021 12:25 PM
 Report Type : Final

URINE FOR CULTURE & SENSITIVITY

Microbiology

Method Name : Manual calibrated loop method/ID MALDI TOF MS/ Automated MIC
 Report Status : Final Report
 Specimen : Urine
 Incub Period : 48 hrs of incubation
 Remarks : No growth in culture after 48hours of incubation.

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

-- End of Report --

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



Page 7 of 7



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MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M72105050055
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Unit of Narayana Health
 Department : MEDICAL GASTROENTEROLOGY
 Specimen : PERITONEAL FLUID
 Visit Type : IP
 Collected On : 05/05/2021 06:29 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 08:49 PM
 Reported On : 08/05/2021 02:04 PM
 Report Type : Final

PERITONEAL FLUID/ ASCITIC FLUID FOR C/S

Microbiology

Report Status : Final Report
 Specimen : Peritoneal Fluid
 Incub Period : 48 hrs of incubation

Remarks : No growth in culture after 48hours of incubation.

Note:

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

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Certificate No : M-0087
Dr. Auro Reborn Srinivas
Narayana Hrudayalaya Limited

Page 4 of 4

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : MM2105050018
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 05/05/2021 02:01 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:28 PM
 Reported On : 05/05/2021 04:51 PM
 Report Type : Final

BLOOD BANK

Test	Result	Unit	Biological Reference Interval
------	--------	------	-------------------------------

BLOOD GROUP & RH TYPING

Blood Group	AB
Rh Typing	POS

Note:

Abnormal results are highlighted.

Results relate to the sample only.

Kindly correlate clinically.

-- End of Report --

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Page 4 / 4

Dr. Prathip Kumar B RCONSULTANT



Certificate No.: M-0087

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 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) Female
 Sample No : M12105050207
 Consulting DR : Dr. Nandish H K
 Patient Address : 196A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 03:34 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 04:09 PM
 Reported On : 06/05/2021 07:44 AM
 Report Type : Final

SEROLOGY

Test

Result	Unit	Biological Reference Interval
1.77	g/L	Age 0-1 years: 0-1.45
		Age 1-3 years: 0.19-1.46
		Age 4-6 years: 0.24-2.10
		Age 7-9 years: 0.31-2.08
		Age 10-11 years: 0.31-1.79
		Age 12-13 years: 0.35-2.39
		Age 14-15 years: 0.15-1.88
		Age 16-19 years: 0.23-2.59
		Age >19 years: 0.40-2.30

Immunoglobulin Ig M

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the report.
 Note: Abnormal results are highlighted.
 Results relate to the sample only.
 Kindly correlate clinically.

-- End of Report --



0 - 100 %

Dr. Mallika Reddy KMBBS, MD
 Consultant



Certificate No : M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M12105050207
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 03:34 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 04:09 PM
 Reported On : 06/05/2021 07:44 AM
 Report Type : Final

SEROLOGY

Test

Test	Result	Unit	Biological Reference Interval
Immunoglobulin Ig G	12.67	g/L	Age 0-1 years: 2.31-14.11 Age 1-3 years: 4.53-9.16 Age 4-6 years: 5.04-14.64 Age 7-9 years: 5.72-14.74 Age 10-11 years: 6.98-15.60 Age 12-13 years: 7.59-15.49 Age 14-15 years: 7.16-17.11 Age 16-19 years: 5.49-15.84 Age >19 years: 7 -16

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Date: 2/5/2021

Dr. Mallika Reddy KMBBS, MD
 Consultant



Certificate No.: M-0087

Narayana Hrudayalaya Limited

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 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M12105050207
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 05/05/2021 03:34 PM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 04:09 PM
Reported On : 06/05/2021 07:44 AM
Report Type : Final

SEROLOGY

Test

Result

Unit

Biological
Reference
Interval

SERUM IMMUNOGLOBULIN (IGA IGM IGG) Quantitative Immuno-turbidimetric Assay

Immunoglobulin Ig A

1.01

g/L

Age 0-1 years:
0-0.83
 Age 1-3 years:
0.20-1.00
 Age 4-6
years:0.27-1.95
 Age 7-9 years:
0.34-3.05
 Age 10-11 years:
0.53-2.04
 Age 12-13 years:
0.58-3.58
 Age 14-15 years:
0.47-2.49
 Age 16-19 years:
0.61-3.48
 Age >19 years:
0.70-4.00

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to "Methods / Technique used" on the reverse



Page 1 / 1

Dr. Mallika Reddy KMBBS, MD
Consultant



Certificate No.: M-0087

Narayana Hrudayalaya Limited

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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105050345
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 12:31 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 02:06 PM
 Reported On : 05/05/2021 07:31 PM
 Report Type : Final

BIOCHEMISTRY

Test

LDH TOTAL - Multipoint Rate - Pyruvate to Lactate

Comment: RESULTED IN 1:2 DILUTION

SERUM FERRITIN - Enhanced chemiluminescence

Comment: RESULTED IN 1:20 DILUTION

	Result	Unit	Biological Reference Interval
	<u>1052</u> H	U/L	120-246
	<u>19000.0</u> H	ng/mL	6.24-137

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



Dr. Iyshwarya U MBBS, MD.
 Associate Consultant - Biochemistry

 NH Helpline 080-7122 2222

Certificate No.: M-0087

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Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648

CIN : L85110KA2000PLC027497, Web: narayanahealth.org



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105050345
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 12:31 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 02:06 PM
 Reported On : 05/05/2021 03:31 PM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
TRIGLYCERIDES - LPL/GK	343 H	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500

Note:

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

Report relates to sample tested. Kindly correlate with clinical findings.
 All refer to 'Methods / Technique used' on the reverse

P.R Rekha
 PR Rekha PR MBBS MD Pathology
 Consultant Histopathology and Lab
 Director

S. Thygady
 S. Thygady
 Mr. Venkateswara S MSc.
 Bio-chemist
 1800-4250-4250
 HELPLINE

D. Iyshwarya U MBBS, MD.
 Associate Consultant - Biochemistry

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



These tests are auto-approved



MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M32105050246
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Unit of Narayana Health
Department : MEDICAL
GASTROENTEROLOGY
Specimen : WHOLE BLOOD
Visit Type : IP
Collected On : 05/05/2021 12:31 PM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 02:06 PM
Reported On : 06/05/2021 10:55 AM
Report Type : Final

HAEMATOLOGY

PERIPHERAL SMEAR EXAMINATION

RBCs	Normocytic normochromic.
WBCs	Normal in number and morphology with few myeloid precursors
Platelets	Mildly reduced.
Haemoparasites	Nil
Abnormal Cells	Nil
Impression	Normocytic normochromic anemia with mild left shift and mild thrombocytophenia

-- End of Report --

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



Dr. Sudarshan Chougule,MD.
Consultant & Head - Haematology,
Flow Cytometry



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : C52105060021
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : PLASMA
 Visit Type : IP
 Collected On : 06/05/2021 01:41 AM
 Referred DR : Dr. Nandish H K
 Received On : 06/05/2021 04:23 AM
 Reported On : 06/05/2021 09:56 AM
 Report Type : Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME)	Optical - clot detection		
PT	<u>23.7</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>2.29</u> H		0.9-1.06
PTT (ACTIVATED THROMBOPLASTIN TIME)	Optical - clot detection		
PTT	<u>42.2</u> H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	<u>1.60</u> H	sec	0.8-1.1

Comment: Note: Kindly correlate clinically.

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

-- End of Report --

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



Hema S

Dr. Hema S, MD, DNB Associate
 Consultant, Hematology



Narayana Hrudayalaya Limited

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 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105060099
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 06/05/2021 01:41 AM
 Referred DR : Dr. Nandish H K
 Received On : 06/05/2021 04:23 AM
 Reported On : 06/05/2021 06:48 AM
 Report Type : Provisional

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT RANDOM)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	22.0	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.38</u> L	mg/dl	0.52-1.04
eGFR - Calculated	184.83	mL/min/1.73 m 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	10	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	<u>129</u> L	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	3.7	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	104	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	<u>6.5</u> L	mg/dL	9.0-10.20
MAGNESIUM - Colorimetric - Formazan Dye	2.10	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase,Peroxidase	<u>0.8</u> L	mg/dL	2.50-6.20

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





DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105060099
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 06/05/2021 01:41 AM
 Referred DR : Dr. Nandish H K
 Received On : 06/05/2021 04:23 AM
 Reported On : 06/05/2021 07:03 AM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	<u>1.30</u> L	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	<u>64</u> L	mg/dL	70-140 ADA Standards 2020

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to "Methods / Technique used" on the reverse





DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105060088
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 06/05/2021 01:41 AM
 Referred DR : Dr. Nandish H K
 Received On : 06/05/2021 04:23 AM
 Reported On : 06/05/2021 01:23 PM
 Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>7.70</u> L	g/dL	12.0-15.0
Comment: Kindly correlate Clinically			
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.56</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>21.6</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	84.6	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.20	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.70</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>18.80</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>95</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	4.2	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	62.5	%	35-66
Lymphocytes	<u>19.9</u> L	%	24-44
Monocytes	<u>14.9</u> H	%	3-6
Eosinophils	2.1	%	0-3

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Techniques used on the reverse side'



Certificate No.: M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : L85110KA2000PLC027497, Web: narayanahealth.org



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M32105060088
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : WHOLE BLOOD
Visit Type : IP
Collected On : 06/05/2021 01:41 AM
Referred DR : Dr. Nandish H K
Received On : 06/05/2021 04:23 AM
Reported On : 06/05/2021 01:23 PM
Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	0.6	%	0-1

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse



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 CIN : L85110KA2000PLC027497, Web: narayanahealth.org



Certificate No. : M-0087

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: C52105060021	Collected On	: 06/05/2021 01:41 AM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 06/05/2021 04:23 AM
		Reported On	: 06/05/2021 09:56 AM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>23.7</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>2.29</u> H		0.9-1.06
PTT (ACTIVATED THROMBOPLASTIN TIME) Optical - clot detection			
PTT	<u>42.2</u> H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	<u>1.60</u> H	sec	0.8-1.1

Comment: Note: Kindly correlate clinically.

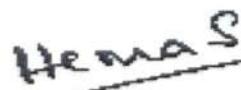
Note:

Abnormal results are highlighted.

Results relate to the sample only.

Kindly correlate clinically.

-- End of Report --



Dr. Hema S, MD, DNB Associate
Consultant, Hematology



Appointments

1800-309-0309 (Toll Free)

Emergencies

97384 97384



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105060088
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 06/05/2021 01:41 AM
 Referred DR : Dr. Nandish H K
 Received On : 06/05/2021 04:23 AM
 Reported On : 06/05/2021 06:48 AM
 Report Type : Provisional

HAEMATOLOGY

Result	Unit	Biological Reference Interval
0.6	%	0-1

Test

Basophils

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

-- End of Report --

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



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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M32105060088
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 06/05/2021 01:41 AM
 Referred DR : Dr. Nandish H K
 Received On : 06/05/2021 04:23 AM
 Reported On : 06/05/2021 06:48 AM
 Report Type : Provisional

HAEMATOLOGY

Test

COMPLETE BLOOD COUNT (CBC)

HAEMOGLOBIN (Hb%) - Photometric Measurement

Comment: Kindly correlate Clinically

RED BLOOD CELL COUNT - Electrical Impedance

PCV (PACKED CELL VOLUME) / HEMATOCRIT -
Calculated

MCV (MEAN CORPUSCULAR VOLUME) - Derived

MCH (MEAN CORPUSCULAR HAEMOGLOBIN) -
CalculatedMCHC (MEAN CORPUSCULAR HAEMOGLOBIN
CONCENTRATION) - Calculated

RED CELL DISTRIBUTION WIDTH (RDW) - Derived

PLATELET COUNT - Electrical Impedance plus Microscopy

Comment: Platelet count verified manually.

TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance

DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy

Neutrophils

Lymphocytes

Monocytes

Eosinophils

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

	Result	Unit	Biological Reference Interval
7.70 L	g/dL	12.0-15.0	
2.56 L	millions/ µL	3.8-4.8	
21.6 L	%	36.0-46.0	
84.6 fL	fL	80.0-100.0	
30.20 pg	pg	27.0-32.0	
35.70 H	%	31.5-34.5	
18.80 H	%	11.6-14.0	
95 L	Thousand / µL	150-450	
4.2 Thousand / µL	Thousand / µL	4.0-10.0	
62.5 %	%	35-66	
19.9 L %	%	24-44	
14.9 H %	%	3-6	
2.1 %	%	0-3	



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02105060099
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 06/05/2021 01:41 AM
Referred DR : Dr. Nandish H K
Received On : 06/05/2021 04:23 AM
Reported On : 06/05/2021 06:48 AM
Report Type : Provisional

BIOCHEMISTRY

Test

LIVER FUNCTION TEST(LFT)

	Result	Unit	Biological Reference Interval
BILIRUBIN TOTAL - Colorimetric -Diazo Method	17.20 H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	9.63 H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	7.57 H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	4.2 L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	1.8 L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.4	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	0.75 L		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	76 H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	75 H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro phenyl Phosphate, AMP buffer	109	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	87 H	U/L	12-43

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

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.



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M02105050345
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 05/05/2021 12:31 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 02:06 PM
 Reported On : 05/05/2021 03:31 PM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
TRIGLYCERIDES - LPL/GK	343 H	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500

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

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

Dr Rekha PR MBBS MD Pathology
 Consultant Histopathology and Lab
 Director

Mr. Thangasamy S MSc.
 Senior Chemist



These tests are auto-approved

Dr. Iyshwarya U MBBS , MD.
 Associate Consultant - Biochemistry

Page 2 of 3

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



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 CIN : U85110KA2000PLC027497, Web: narayanahealth.org



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M02105050345	Collected On	: 05/05/2021 12:31 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 05/05/2021 02:06 PM
		Reported On	: 05/05/2021 07:31 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LDH TOTAL - Multipoint Rate - Pyruvate to Lactate	<u>1052</u> H	U/L	120-246
Comment: RESULTED IN 1:2 DILUTION			
SERUM FERRITIN - Enhanced chemiluminescence	<u>19000.0</u> H	ng/mL	6.24-137
Comment: RESULTED IN 1:20 DILUTION			

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



Page 1 of 3

Dr. Iyshwarya U MBBS , MD.
Associate Consultant - Biochemistry



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Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
CIN : U85110KA2000PLC027497, Web: narayanahealth.org



MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) Female
 Sample No : M32105050246
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Unit of Narayana Health
 Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 05/05/2021 12:31 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 02:06 PM
 Reported On : 06/05/2021 10:55 AM
 Report Type : Final

HAEMATOLOGY

PERIPHERAL SMEAR EXAMINATION

RBCs	Normocytic normochromic.
W.B.Cs	Normal in number and morphology with few myeloid precursors
Platelets	Mildly reduced.
Haemoparasites	Nil
Abnormal Cells	Nil
Impression	Normocytic normochromic anemia with mild left shift and mild thrombocytopenia

-- End of Report --

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



Dr. Sudarshan Chougule,MD.
 Consultant & Head - Haematology,
 Flow Cytometry



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : C52105050014
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : PLASMA
Visit Type : IP
Collected On : 05/05/2021 01:35 AM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:37 AM
Reported On : 05/05/2021 07:16 AM
Report Type : Provisional

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>24.6</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>2.38</u> H		0.9-1.06
PTT (ACTIVATED THROMBOPLASTIN TIME) Optical - clot detection			
PTT	<u>47.4</u> H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	<u>1.80</u> H	sec	0.8-1.1

Comment: Note: Kindly correlate clinically.

Note:

Abnormal results are highlighted.

Results relate to the sample only.

Kindly correlate clinically.

-- End of Report --



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: C52105050132	Collected On	: 05/05/2021 03:50 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 05/05/2021 05:57 PM
		Reported On	: 05/05/2021 07:08 PM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>26.5</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>2.57</u> H		0.9-1.06
PTT (ACTIVATED THROMBOPLASTIN TIME) Optical - clot detection			
PTT	<u>42.7</u> H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	<u>1.62</u> H	sec	0.8-1.1

Comment: Note: Kindly correlate clinically

Note:

Abnormal results are highlighted.

Results relate to the sample only.

Kindly correlate clinically.

-- End of Report --



Dr. Sudarshan Chougule, M.D.

Consultant & Head - Haematology

Narayana Hrudayalaya Limited

Flow Cytometry



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NH Health City, 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Fax: +91 80 2783 2648. info.msmc@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02105050345
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 05/05/2021 12:31 PM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 02:06 PM
Reported On : 05/05/2021 03:31 PM
Report Type : Final

Test

TRIGLYCERIDES - LPL/GK

	Result	Unit	Biological Reference Interval
	<u>343</u> H	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500

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

-- End of Report --



Dr. P.R Rekha

Dr. Rekha PR MBBS MD Pathology
Consultant Histopathology and Lab Director

Mr. Thangasamy S MSc,
Senior Biochemist

Dr. Iyshwarya U MBBS , MD.
Associate Consultant - Biochemistry

Mrs. Latha B M.Sc., M.Phil
Consultant Biochemis

NH Helpline
080-7122 2222

These tests are auto-approved

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NH Health City, 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099
Fax: +91 80 2783 2648. info.msmc@nhhospitals.org, www.narayanahealth.org
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Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M02105050345	Collected On	: 05/05/2021 12:31 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 05/05/2021 02:06 PM
		Reported On	: 05/05/2021 07:31 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LDH TOTAL - Multipoint Rate - Pyruvate to Lactate	<u>1052</u> H	U/L	120-246
Comment: RESULTED IN 1:2 DILUTION			
SERUM FERRITIN - Enhanced chemiluminescence	<u>19000.0</u> H	ng/mL	6.24-137
Comment: RESULTED IN 1:20 DILUTION			



Dr. Iyshwarya U MBBS, MSc
Associate Consultant - Biochemistry
Narayana Hrudayalaya Limited



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Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M021050502
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
 Specimen : Fluid
 Visit Type : IP
 Collected On : 05/05/2021 06:29 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 08:49 PM
 Reported On : 06/05/2021 07:33 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
------	--------	------	-------------------------------

PERITONEAL / ASCITIC FLUID- BIOCHEMISTRY

Albumin	<1.0	gm/dL	
Amylase	<30	U/L	
Chloride	104	gm/dL	
Glucose	<u>146</u> H	mg/dl	60-100
LDH	<u>107</u> L	U/L	230-460
Total Protein	<u><2.0</u> L	gm/dl	1.0-3.0

Note:

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

-- End of Report --

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



Dr. Ishwarya U MBBS , MD.

Associate Consultant - Biochemistry



080-7122 2222

Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
 Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
 CIN : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M62105050050
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : Fluid
 Visit Type : IP
 Collected On : 05/05/2021 06:29 PM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 08:49 PM
 Reported On : 06/05/2021 10:30 AM
 Report Type : Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
PERITONEAL / ASCITIC FLUID - CLINICAL PATHOLOGY			
PHYSICAL EXAMINATION			
Volume	10 ml		
Colour	Pale Yellow		
Appearance	Clear		
PH	8.0		
MICROSCOPY			
Cell Count	50cells/cumm		
CELL TYPE			
Polymorphs	10%		
Lymphocytes	90%		

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



Dr. Deepak M B
 MD, PDF (Lab Haematology)
 Consultant



NH Helpline
 080-7122 2222

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M62105050005
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : URINE
 Visit Type : IP
 Collected On : 05/05/2021 01:35 AM
 Referred DR : Dr. Nandish H K
 Received On : 05/05/2021 03:37 AM
 Reported On : 05/05/2021 07:44 AM
 Report Type : Final

CLINICAL PATHOLOGY

Test

	Result	Unit	Biological Reference Interval
--	--------	------	-------------------------------

URINE ROUTINE & MICROSCOPY
PHYSICAL EXAMINATION(Manual Method)

Volume	30	ml	
Colour	Pale yellow		
Appearance	Clear		
Sp. Gravity - Automated	>=1.030 L		1.002-1.03

CHEMICAL EXAMINATION(Automated Dipstick Method)

pH(REACTION) - pH indicator method	6.0	4.8-7.5
Protein ,Error of indicators	Negative	
Urine Glucose - GOD/POD	Negative	
Ketone Bodies ,Rother's principle	Trace	
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	

Report relates to sample tested. Kindly correlate with clinical findings.	
Also refer to 'Methods/Technique Used' on the reverse side	

MICROSCOPIC EXAMINATION


Dr. Shalini K S, DCP, DNB Junior
 Consultant Laboratory Haematology


 NH HelpLine 080-7122 2222

Certificate No. : M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M62105050005
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : URINE
Visit Type : IP
Collected On : 05/05/2021 01:35 AM
Referred DR : Dr. Nandish H K
Received On : 05/05/2021 03:37 AM
Reported On : 05/05/2021 07:44 AM
Report Type : Final

CLINICAL PATHOLOGY

	Result	Unit	Biological Reference Interval
Pus Cells	1-2/hpf	/HPF	0-2
Epithelial Cells	2-3/hpf L	/HPF	2-3

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse



Dr. Shalini K.S, DCP, DNB Junior
Consultant Laboratory Haematology

Certificate No.: M-0087

Narayana Hrudayalaya Limited

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Hosur Road, Bangalore 560 099 Tel: 080 7122 2222 Fax: 080 2783 2648
CIN : L85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M12105040218
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 04/05/2021 07:12 PM
Referred DR : Dr. Nandish H K
Received On : 04/05/2021 11:13 PM
Reported On : 05/05/2021 06:26 AM
Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
PROCALCITONIN (PCT) - Enzyme linked fluorescent assay	1.88	ng/mL	Local Bacterial Infection is possible: < 0.5
			Systemic infection is possible.: 0.5-2
			Systemic infection(sepsis) is likely, unless other causes are known.: 2-10
			Systemic inflammatory response due to bacterial sepsis or septic: > 10

Report relates to sample tested. Kindly correlate with clinical findings.
Also refer to 'Methods / Technique used' on the reverse



Dr. Mallika Reddy KMBBS, MD
Consultant



Certificate No. : M-0087

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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No :
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen :
 Visit Type : IP
 Collected On : 04/05/2021 07:12 PM
 Referred DR : Dr. Nandish H K
 Received On : 04/05/2021 11:13 PM
 Reported On :
 Report Type :

Interpretations

- PCT is secreted by different types of cells from numerous organs in response to pro inflammatory stimulation, particularly bacterial stimulation.
- At a PCT concentration > 0.5 ng/mL, a patient should be considered at risk of developing severe sepsis or septic shock.
- A localized bacterial infection can lead to a moderate increase in PCT levels.

Limitations

- certain situations (newborns, polytrauma, burns, major surgery, prolonged or severe cardiogenic shock, etc.)
- PCT elevation may be independent of any infectious aggression. The return to normal values is usually rapid.
- Viral infections, allergies, autoimmune diseases and graft rejection do not lead to a significant increase in PCT .

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

 Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse

-- End of Report --



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M12105040218
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
 Visit Type : IP
 Collected On : 04/05/2021 07:12 PM
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SEROLOGY

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Report relates to sample tested. Kindly correlate with clinical findings.
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Dr. Mallika Reddy KMBBS, MD
 Consultant



Certificate No. M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No :
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen :
 Visit Type : IP
 Collected On : 04/05/2021 07:12 PM
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Interpretations

- PCT is secreted by different types of cells from numerous organs in response to pro inflammatory stimulation, particularly bacterial stimulation.
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- A localized bacterial infection can lead to a moderate increase in PCT levels.

Limitations

- certain situations (newborns, polytrauma, burns, major surgery, prolonged or severe cardiogenic shock, etc.)
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- Viral infections, allergies, autoimmune diseases and graft rejection do not lead to a significant increase in PCT .

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse

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

-- End of Report --





MRN : 10020001277899

Department : CRITICAL CARE MEDICINE

Name : Mrs C Lakshmi

Specimen : blood

Age / Sex : 43 Year(s) / Female

Visit Type : Emergency

Sample No : 042105040013

Collected On : 04/05/2021 12:45 PM

Consulting DR : Dr. Srinath Kumar T S

Referred DR : Dr. Srinath Kumar T S

Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Received On : 04/05/2021 02:16 PM
Reported On : 06/05/2021 04:15 PM

Report Type : Final

BLOOD FOR ANAEROBIC CULTURE/SENSITIVITY

Microbiology

Method Name : Automated Reflectance/ID-MALDI TOF MS/ Automated MIC

Report Status : Preliminary Report

Incub Period : 48 hrs of incubation

Culture

Culture : No growth in culture after 48hours of incubation. Supplementary report, to follow in case of any further growth in culture..

Report relates to sample tested Kindly correlate with clinical findings.



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MRN	: 10020001277899	Department	: CRITICAL CARE MEDICINE
Name	: Mrs C Lakshmi	Specimen	: blood
Age / Sex	: 43 Year(s) / Female	Visit Type	: Emergency
Sample No	: 042105040012	Collected On	: 04/05/2021 12:45 PM
Consulting DR	: Dr. Srinath Kumar T S	Referred DR	: Dr. Srinath Kumar T S
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 04/05/2021 02:16 PM
		Reported On	: 06/05/2021 04:15 PM
		Report Type	: Final

BLOOD FOR CULTURE & SENSITIVITY AEROBIC

Microbiology

Method Name : Automated Reflectance/ID-MALDI TOF MS/ Automated MIC
 Report Status : Preliminary Report
 Incub Period : 48 hrs of incubation

Culture

Culture : No growth in culture after 48hours of incubation. Supplementary report, to follow in case of any further growth in culture..

Note:

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

-- End of Report --

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



Dr. Prasadini Gurn
Narayana Hrudayalaya Limited

NH Health City, No. 258/A, Bommasandra Industrial Area
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MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : 042105040013
 Consulting DR : Dr. Srinath Kumar T S
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Unit of Narayana Health
Department : CRITICAL CARE MEDICINE
Specimen : blood
Visit Type : Emergency
Collected On : 04/05/2021 12:45 PM
Referred DR : Dr. Srinath Kumar T S
Received On : 04/05/2021 02:16 PM
Reported On : 06/05/2021 04:15 PM
Report Type : Final

BLOOD FOR ANAEROBIC CULTURE/SENSITIVITY

Microbiology

Method Name : Automated Reflectance/ID-MALDI TOF MS/ Automated MIC
 Report Status : Preliminary Report
 Incub Period : 48 hrs of incubation

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Culture : No growth in culture after 48hours of incubation. Supplementary report, to follow in case of any further growth in culture..

Report relates to sample tested. Kindly correlate with clinical findings.
 Also refer to 'Methods / Technique used' on the reverse side.



Certificate No. : M-0087

Dr. Narayana Hrudayalaya Limited

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MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : 042105040012
 Consulting DR : Dr. Srinath Kumar T S
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : CRITICAL CARE MEDICINE
 Specimen : blood
 Visit Type : Emergency
 Collected On : 04/05/2021 12:45 PM
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-- End of Report --

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



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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : 4M2105030182
 Consulting DR : Dr. Srinath Kumar T S
 Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
 Tamil Nadu, India

Department : CRITICAL CARE MEDICINE
 Specimen : Nasopharyngeal & Oropharyngeal
 Visit Type : Emergency
 Collected On : 03/05/2021 02:25 PM
 Referred DR : Dr. Srinath Kumar T S
 Received On : 03/05/2021 03:47 PM
 Reported On : 04/05/2021 11:37 AM
 Report Type : Final

MOLECULAR LABORATORY

	Result	Unit	Biological Reference Interval
COVID 19 PCR			
*SARS-CoV-2 - Real Time PCR	Negative		
*RNASE P- Positive Control	Positive		
RESULTS & INTERPRETATION	NEGATIVE FOR SARS - CoV-2		
SRF ID	2952511883421		

ICMR registration no : NHLBK

Note: Coronavirus Disease 2019 (COVID-19) test is a real-time RT-PCR test intended for the in vitro qualitative detection of nucleic acid from severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2).

results are indicative of the presence of SARS-CoV-2 RNA; clinical correlation with patient history and other information is necessary to determine patient infection status. Positive results do not rule out bacterial or co-infection with other viruses. Negative results do not preclude SARS-CoV-2 infection and should not be sole basis for patient management decisions. Negative results must be combined with clinical observations, history, and epidemiological information.

Results may not always correlate with clinical findings.
Kindly correlate with clinical findings.

Dr. P.R. Rekha.

Dr. Rekha PR MBBS MD Pathology
 Consultant Histopathology and Lab
 Director



Dr. Mallika Reddy KMBBS, MD
 Consultant



NH Helpline
 080-7122 2222

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : 4M2105030182
Consulting DR : Dr. Srinath Kumar T S
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India

Department : CRITICAL CARE MEDICINE
Specimen : Nasopharyngeal & Oropharyngeal
Visit Type : Emergency
Collected On : 03/05/2021 02:25 PM
Referred DR : Dr. Srinath Kumar T S
Received On : 03/05/2021 03:47 PM
Reported On : 04/05/2021 11:37 AM
Report Type : Final

Advisory for people undergoing testing for COVID-19

If COVID Negative:

- Please call free helpline Apthamitra -14410 in case of any symptoms of fever, cough or breathlessness.
- Avoid going out, except in unavoidable circumstances.
- Wear a mask while going out Stay safe — stay healthy

If COVID Positive:

- If you have any symptoms of breathlessness, please contact 108 for free ambulance service for admission in Covid hospital.
- If asymptomatic:
 - Stay Isolated at home
 - Government officials will get in touch with you soon to assess your medical condition by triaging

- Do Not panic, be calm, be confident.
More than 95% have recovered
- Seek Help when in need — Call 104 and press 4, if you are in Distress — Very anxious, low mood, disturbance in sleep and appetite.

Being positive helps in fast recovery, Best Wishes

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

-- End of Report --

Dr. P.R. Rekha.

Dr. Rekha PR MBBS MD Pathology
Consultant Histopathology and Lab Director



Dr. Mallika Reddy KMBBS, MD
Consultant



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DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: CRITICAL CARE MEDICINE
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 43 Year(s) / Female	Visit Type	: Emergency
Sample No	: C42105030058	Collected On	: 03/05/2021 01:29 PM
Consulting DR	: Dr. Srinath Kumar T S	Referred DR	: Dr. Srinath Kumar T S
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 03/05/2021 02:56 PM
		Reported On	: 03/05/2021 06:09 PM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>24.5</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>2.37</u> H		0.9-1.06
PTT (ACTIVATED THROMBOPLASTIN TIME) Optical - clot detection			
PTT	<u>43.1</u> H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	<u>1.64</u> H	sec	0.8-1.1
Comment: Note: Kindly correlate clinically			

Note:

Abnormal results are highlighted.

Results relate to the sample only.

Kindly correlate clinically.

-- End of Report --

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



Dr. Sudarshan Chougule, MD,
Consultant & Head - Haematology,
Flow Cytometry



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Page 5 / 5



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: CRITICAL CARE MEDICINE
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: Emergency
Sample No	: 012105030139	Collected On	: 03/05/2021 01:29 PM
Consulting DR	: Dr. Srinath Kumar T S	Referred DR	: Dr. Srinath Kumar T S
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 03/05/2021 02:56 PM
		Reported On	: 03/05/2021 05:15 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>15.52 H</u>	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>6.76 H</u>	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>8.76 H</u>	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>4.8 L</u>	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>1.9 L</u>	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	2.9	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	<u>0.66 L</u>		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>146 H</u>	U/L	14-36
GPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>132 H</u>	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro Phenyl Phosphate, AMP buffer	<u>146 H</u>	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>101 H</u>	U/L	12-43

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.

Report relates to sample tested
Only correlate with clinical findings

Dr. P.R. Rekha

Dr. Rekha PR MBBS MD Pathology
Consultant Histopathology and Lab
Director



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: CRITICAL CARE MEDICINE
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: Emergency
Sample No	: 012105030139	Collected On	: 03/05/2021 01:29 PM
Consulting DR	: Dr. Srinath Kumar T S	Referred DR	: Dr. Srinath Kumar T S
Patient Address	: 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 03/05/2021 02:56 PM
		Reported On	: 03/05/2021 05:15 PM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT FASTING)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	<u>19.4</u> L	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	0.55	mg/dl	0.52-1.04
eGFR - Calculated	120.63	mL/min/1.73 m 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.
LOOD UREA NITROGEN (BUN) - Endpoint/Colorimetric -	9	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	<u>121</u> L	mmol/L	137-145
KOTASSIUM, SERUM - Direct ISE - Potentiometric	4.1	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	<u>95</u> L	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	<u>6.8</u> L	mg/dL	9.0-10.20
MAGNESIUM - Colorimetric - Formazan Dye	1.90	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase,Peroxidase	<u>1.0</u> L	mg/dL	2.50-6.20

Dr. Rekha PR MBBS MD Pathology
Consultant Histopathology
Director

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



NH Helpline
080-7122 2222



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: CRITICAL CARE MEDICINE
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: Emergency
Sample No	: 012105030139	Collected On	: 03/05/2021 01:29 PM
Consulting DR	: Dr. Srinath Kumar T S	Referred DR	: Dr. Srinath Kumar T S
Patient Address	: 1/96A1, N.B Agraham Krishnagiri Hosur Tamil Nadu, India	Received On	: 03/05/2021 02:56 PM
		Reported On	: 03/05/2021 05:15 PM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	3.30	mg/dL	2.5-4.5
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	59 L	mg/dL	Normal: 70-99 Pre-diabetes: 100-125 Diabetes: >= 126 ADA standards 2020

This report relates to sample tested. Kindly correlate with clinical findings.
Kindly correlate with clinical findings.

Dr. P.R. Rekha

Dr. Rekha PR MBBS MD Pathology
Consultant Histopathology
Director



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



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : 022105030103
 Consulting DR : Dr. Srinath Kumar T S
 Patient Address : 1/96A1, N.B Agharam Krishnagiri Hosur
 Tamil Nadu, India

Department : CRITICAL CARE MEDICINE
 Specimen : WHOLE BLOOD
 Visit Type : Emergency
 Collected On : 03/05/2021 01:29 PM
 Referred DR : Dr. Srinath Kumar T S
 Received On : 03/05/2021 02:56 PM
 Reported On : 03/05/2021 03:18 PM
 Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>9.20</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>3.08</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>26.3</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	85.5	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	29.90	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.00</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>19.20</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>125</u> L	Thousand / μ L	150-450
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	6.2	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	65.3	%	35-66
Lymphocytes	26.1	%	24-44
Monocytes	<u>6.8</u> H	%	3-6
Eosinophils	1.3	%	0-3
Basophils	0.5	%	0-1

Report relates to sample tested
 Kindly correlate with clinical findings

Dr. Shalini K S, DCP, DNB Junior
 Consultant Laboratory Haematology
 Babu
 NH Helpline
 080-7122 2222

