

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02106140145
 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 : 14/06/2021 03:45 AM
 Referred DR : Dr. Nandish H K
 Received On : 14/06/2021 04:46 AM
 Reported On : 14/06/2021 05:12 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	0.87 H	mg/dL	0-0.4
POTASSIUM, SERUM - Direct ISE - Potentiometric	3.8	mmol/L	3.5-5.1

This relates to sample tested. Kindly correlate with clinical findings.
 Please refer to 'Methods / Technique used' on reverse

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

Mr. Arunadasamy S MSc,
 Senior Biochemist
 1800-4250-4250


These tests are auto-approved

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

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 : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32106140114	Collected On	: 14/06/2021 03:45 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	: 14/06/2021 04:46 AM
		Reported On	: 14/06/2021 07:23 AM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	14.2 H	Thousand / μ L	4.0-10.0

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



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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 : 39 Year(s) / Female
 Sample No : M02106140145
 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 : 14/06/2021 03:45 AM
 Referred DR : Dr. Nandish H K
 Received On : 14/06/2021 04:46 AM
 Reported On : 14/06/2021 07:22 AM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>7.30</u> H	mg/dL	0.2-1.3
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.44</u> L	mg/dl	0.52-1.04
eGFR - Calculated	159.19	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.

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




Dr. Ilyshwarya 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 : 39 Year(s) / Female
Sample No : M12106140022
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 : 14/06/2021 04:15 AM
Referred DR : Dr. Nandish H K
Received On : 14/06/2021 04:45 AM
Reported On : 14/06/2021 07:25 AM
Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
PROCALCITONIN (PCT) - Enzyme linked fluorescent assay	1.30	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



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 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 : 14/06/2021 04:15 AM
 Referred DR : Dr. Nandish H K
 Received On : 14/06/2021 04:45 AM
 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.
 Note:
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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M12106130029
 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 : 13/06/2021 05:36 AM
 Referred DR : Dr. Nandish H K
 Received On : 13/06/2021 06:42 AM
 Reported On : 13/06/2021 10:04 AM
 Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
PROCALCITONIN (PCT) - Enzyme linked fluorescent assay	1.64	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



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02106130145
 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 : 13/06/2021 05:36 AM
 Referred DR : Dr. Nandish H K
 Received On : 13/06/2021 06:42 AM
 Reported On : 13/06/2021 08:06 AM
 Report Type : Final

BIOCHEMISTRY

Test

MAGNESIUM - Colorimetric - Formazan Dye
 URIC ACID - Colorimetric - Uricase, Peroxidase
 PHOSPHORUS - Colorimetric - Phosphomolybdate Formation
 RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose
 Oxidase peroxidase

	Result	Unit	Biological Reference Interval
MAGNESIUM	<u>1.05</u> L	mg/dL	1.6-2.3
URIC ACID	<u>1.4</u> L	mg/dL	2.50-6.20
PHOSPHORUS	<u>1.00</u> L	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS)	<u>68</u> L	mg/dL	70-140 ADA Standards 2020

Note:
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 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
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 Sample No : M02106130145
 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 : 13/06/2021 05:36 AM
 Referred DR : Dr. Nandish H K
 Received On : 13/06/2021 06:42 AM
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 Report Type : Final

BIOCHEMISTRY

	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT RANDOM)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	26.0	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.41</u> L	mg/dL	0.52-1.04
eGFR - Calculated	172.7	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 -	15	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	139	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	3.8	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	102	mmol/L	98-107
CHLORIDE - Colorimetric - Arsenazo Method	<u>8.0</u> L	mg/dL	9.0-10.10

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




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




 NH Health City

Certificate No. : M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M32106130113
 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 : 13/06/2021 05:36 AM
 Referred DR : Dr. Nandish H K
 Received On : 13/06/2021 06:42 AM
 Reported On : 13/06/2021 08:40 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>2.75</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>25.4</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	92.4	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	32.00	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>34.60</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>25.90</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>95</u> L	Thousand / µL	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>16.1</u> H	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>69.9</u> H	%	35-66
Lymphocytes	<u>9.9</u> L	%	24-44
Monocytes	<u>14.9</u> H	%	3-6
Basophils	<u>1.4</u> H	%	0-1



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: URINE
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M62106120034	Collected On	: 12/06/2021 12:25 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	: 12/06/2021 02:14 PM
		Reported On	: 12/06/2021 02:58 PM
		Report Type	: Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
MICROSCOPIC EXAMINATION			
Pus Cells	4-6/HPF	/HPF	0-2
RBC	3-4/hpf	/HPF	0-3
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.

-- End of Report --

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

HEMATOLOGY



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M62106120034
 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 : 12/06/2021 12:25 PM
 Referred DR : Dr. Nandish H K
 Received On : 12/06/2021 02:14 PM
 Reported On : 12/06/2021 02:58 PM
 Report Type : Final

CLINICAL PATHOLOGY

Test

Result

Unit

Biological Reference Interval

URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume	30	ml	
Colour	Deep yellow		
Appearance	Slight Turbid		
Sp. Gravity - Automated	1.010		1.002-1.03

CHEMICAL EXAMINATION

pH(REACTION) - pH indicator method	7.0	4.8-7.5
Protein .Error of indicators	Present ++	
Urine Glucose - GOD/POD	Present ++	
Kidney Bodies ,Rother's principle	Negative	
Bile Salts ,Diaz reaction	Negative	
Bile Pigment (Bilirubin) ,Diaz reaction	Negative	
Urobilinogen ,Modified Ehrlich's reaction	Present +	
Blood Urine ,Peroxidase reaction	Present +	
White Leucocyte Esterase ,Esterase reaction with pyrrole compound	Trace	
Nitrite ,Reaction with diazonium compound	Negative	

Report relates to sample tested by methods indicated. Also refer to 'Methods used' on the reverse side.

Shalinik

Dr. Shalinik 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	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: URINE
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M62106120034	Collected On	: 12/06/2021 12:25 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 196A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 12/06/2021 02:14 PM
		Reported On	: 12/06/2021 02:58 PM
		Report Type	: Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION(Manual Method)			
Volume	30	ml	
Colour	Deep yellow		
Appearance	Slight Turbid		
Sp. Gravity - Automated	1.010		1.002-1.03
CHEMICAL EXAMINATION(Automated Dipstick Method)			
pH(REACTION) - pH indicator method	7.0		4.8-7.5
Protein ,Error of indicators	Present ++		
Urine Glucose - GOD POD	Present ++		
Ketone Bodies ,Rother's principle	Negative		
Bile Salts ,Diaz reaction	Negative		
Bile Pigment (Bilirubin) ,Diaz reaction	Negative		
Urobilinogen ,Modified Ehrlich's reaction	Present +		
Blood Urine ,Peroxidase reaction	Present +		
Urine Leucocyte Esterase ,Esterase reaction with pyrrole compound	Trace		
Nitrite ,Reaction with diazonium compound	Negative		

Shalini

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

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M62106120034
 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 : 12/06/2021 12:25 PM
 Referred DR : Dr. Nandish H K
 Received On : 12/06/2021 02:14 PM
 Reported On : 12/06/2021 02:58 PM
 Report Type : Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
MICROSCOPIC EXAMINATION			
Pus Cells	4-6/HPF	/HPF	0-2
RBC	3-4/hpf	/HPF	0-3
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.

-- End of Report --

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
 080-7122 2222

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : C52106120034
 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 : 12/06/2021 09:03 AM
 Referred DR : Dr. Nandish H K
 Received On : 12/06/2021 09:52 AM
 Reported On : 12/06/2021 11:16 AM
 Report Type : Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT Test	<u>17.0</u> H	sec	9.3-12.6
Mean Normal PT (MNPT)	10.9	sec	9.3-12.6
INR	<u>1.64</u> H		< 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

HEMATOLOGY



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 : 30 Year(s) / Female
 Sample No : M02106120193
 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 : 12/06/2021 09:03 AM
 Referred DR : Dr. Nandish H K
 Received On : 12/06/2021 09:52 AM
 Reported On : 12/06/2021 10:40 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>2.02</u> H	mg/dL	0-0.4
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>9.70</u> H	mg/dL	0.2-1.3

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	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32106120129	Collected On	: 12/06/2021 09:03 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	: 12/06/2021 09:52 AM
		Reported On	: 12/06/2021 02:06 PM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>8.10</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.56</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>23.6</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	92.1	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	31.60	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	34.40	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>25.10</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>90</u> L	Thousand / µL	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>12.6</u> H	Thousand / µL	4.0-10.0

DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy

Neutrophils	<u>70.4</u> H	%	35-66
Lymphocytes	<u>9.9</u> L	%	24-44
Monocytes	<u>16.3</u> H	%	3-6
Eosinophils	2.3	%	0-3

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



Hema S
 Dr. Hema S, MD, DNB Associate
 Consultant, Hematology & Hemophilia Helpline
 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	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32106120129	Collected On	: 12/06/2021 09:03 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	: 12/06/2021 09:52 AM
		Reported On	: 12/06/2021 02:06 PM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	1.1 H	%	0-1

Hema S

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: LA5110KA2000PLC027497

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

DEPARTMENT OF LABORATORY

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Years / Female
 Sample No : M62106170034
 Consulting DR : Dr. Nandish HK
 Patient Address : 1796 AL, N B Araharam Krishnagiri Hosur
 Tamil Nadu, India

Department	: MEDICAL GASTROENTEROLOGY
Specimen	: URINE
Visit Type	: IP
Collected On	: 12/06/2021 12:25 PM
Referred DR	: Dr. Nandish H K
Received On	: 12/06/2021 02:14 PM
Reported On	: 12/06/2021 02:58 PM
Report Type	: Final

CLINICAL PATHOLOGY

Result	Unit
--------	------

URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume

30 ml

Colour

Deep yellow

Temperature

Slight Turbid

Specific Gravity - Automated

1.010

CLINICAL EXAMINATION

ACTION) - pH indicator method

7.0

Prior of indicators

Present ++

Glucose - GOD/POD

Present ++

Bilirubin - Rother's principle

Negative

Urobilinogen - Diazo reaction

Negative

Total Bilirubin (Bilirubin) - Diazo reaction

Negative

Urea - Modified Ehrlich's reaction

Present +

Creatinine - Peroxidase reaction

Present +

Leukocyte Esterase - Esterase reaction with pyrrole

Trace

Nitrite - Reaction with diazonium compound

Negative

Colour

Appearance

Sp. Gravity Autom. 1.00

CHEMICAL EXAMINATION

(1) pH ACTION - pH indicator method

Urea - Error of indicators

Glucose - GOD/POD

Bodies - Rother's principle

Urease - Diazo reaction

Conjugated pigment (Bilirubin) - Diazo reaction

Nitrogen - Modified Ehrlich's reaction

Urine - Peroxidase reaction

Leucocyte Esterase - Esterase reaction with pyrrole

Reaction with diazonium compound

DEPARTMENT OF LABORATORY MEDICINE

: 10020001277899
 : Mrs C Lakshmi
 : 39 Years/ Female
 : MG210619034
 : Dr. Nandish H K
 : 56A1, N 3 Agraharam Krishnagiri Hosur
 Tamil Nadu India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : URINE
 Visit Type : IP
 Collected On : 12/06/2021 12:25 PM
 Referred DR : Dr. Nandish H K
 Received On : 12/06/2021 02:14 PM
 Reported On : 12/06/2021 02:58 PM
 Report Type : Final

CLINICAL PATHOLOGY

Result	Unit	Biological Reference Interval
4-6/HPF	/HPF	0-2
3-4/hpf	/HPF	0-3
2-3/hpf L	/HPF	2-3

Normal findings are highlighted.
sample only.
normal.

-- 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

Ref ID : 10020001277899
 Name : Mrs C Lakshmi
 Age : 39 Year(s) - Female
 Sample No : US2106170031
 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 : 12/06/2021 09:03 AM
 Referred DR : Dr. Nandish H K
 Received On : 12/06/2021 09:52 AM
 Reported On : 12/06/2021 11:16 AM
 Report Type : Final

COAGULATION

	Result	Unit	Biological Reference Interval
INR (PROTHROMBIN TIME)	Optical - clot detection		
Normal PT (MNPT)	17.0 H	sec	9.3-12.6
	10.9	sec	9.3-12.6
	1.64 H		<1

All reference results are highlighted.
 This is just to give sample only.
 Please consult your clinician.

-- End of Report --

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



Dr. Shalin K S, DGP, DNB Junior
 Consultant Laboratory Hematology



Certificate No. M-0007

Narayana Hrudayalaya Ltd



DEPARTMENT OF LABORATORY MEDICINE

Ref ID : 10020001777899
 Patient Name : Mrs C Lakshmi
 Age : 59 Years Female
 Date of Birth : 05/10/1961
 Referring Dr : Dr. Nandish H K
 Present Address : 196 A, No 4/Agnaharam Krishnagiri Hosur
 Tamil Nadu India

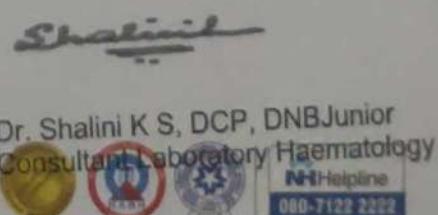
Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : PLASMA
 Visit Type : IP
 Collected On : 12/06/2021 09:03 AM
 Referred DR : Dr. Nandish H K
 Received On : 12/06/2021 09:52 AM
 Reported On : 12/06/2021 11:16 AM
 Report Type : Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
INR (PROTHROMBIN TIME)	Optical - clot detection		
MNPT (Normalised PT (MNPT))	17.0 H	sec	9.3-12.6
	10.9	sec	9.3-12.6
	1.64 H		< 1

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

-- End of Report --





RN : 10020001257899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Years / Female
 Sample No : M32106-16714
 Consulting DR : Dr. Nandish H K
 Patient Address : 196/1, 4th A Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 11/06/2021 12:43 PM
 Referred DR : Dr. Nandish H K
 Received On : 11/06/2021 12:59 PM
 Reported On : 11/06/2021 05:06 PM
 Report Type : Final

HAEMATOLOGY

BLOOD SMEAR EXAMINATION

Normocytic normochromic with few hypochromic cells. No schistocytes seen.

Leucocytosis with normal distribution

Decreased on smear.

No malaria or any other haemoparasite seen

Bicytopenia with mild leucocytosis

-- End of Report --

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



Dr. Shalini K S, DCP, DNBJunior

Consultant Laboratory Haematology



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 : U56112KA2002PLC2297497 MCA 2013 Regd.

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02106110326	Collected On	: 11/06/2021 12:43 PM
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	: 11/06/2021 12:59 PM
		Reported On	: 11/06/2021 02:55 PM
		Report Type	: Final

BIOCHEMISTRY

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

SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	28.0	mmol/L	22-30
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SERUM CREATININE

Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.50</u> L	mg/dl	0.52-1.04
--	---------------	-------	-----------

eGFR - Calculated	137.35	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.
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BLOOD UREA NITROGEN (BUN) - Endpoint/Colorimetric - Urease	16	mg/dL	7.0-17.0
--	----	-------	----------

SODIUM, SERUM - Direct ISE - Potentiometric	140	mmol/L	137-145
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POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>2.3</u> P	mmol/L	3.5-5.1
--	--------------	--------	---------

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

CALCIUM - Colorimetric - Arsenazo Method	<u>8.7</u> L	mg/dL	9.0-10.10
--	--------------	-------	-----------

Dr. Iyshwarya U MBBS, MSc
Associate Consultant - Biochemistry



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

NH Helpline

080-7122 2222



Page 4 / 5

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M92106100001
 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 : SWAB
 Visit Type : IP
 Collected On : 10/06/2021 09:48 AM
 Referred DR : Dr. Nandish H K
 Received On : 10/06/2021 09:59 AM
 Reported On : 10/06/2021 11:23 AM
 Report Type : Final

CYTOTOLOGY

PAP SMEAR

Lab No P- 792/2021

Material Received

Received single unstained slide.

Clinical Details

Pt waiting for liver transplant .
 Screening PAP smear.
 O/E P/S Ut (N) size Ca cervix healthy. LMP – 1 month back.

Specimen Type

Conventional Smear.

Smear Adequacy

Satisfactory for evaluation with presence of endocervical cell / transformation zone component.

General Categorization

CERVICAL CYTOLOGY : PAP SMEAR REPORT The 2014 Bethesda system.

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

No epithelial cell abnormality seen.
 No evidence of fungal organisms, trichomonas vaginalis, bacterial vaginosis.

Interpretation / Result:

- Smear is negative for intraepithelial lesion or malignancy.

Note : The pap test is only a screening test for cervical cancer with inherent false negative results.

-- End of Report --

Dr. Shaesta Naseem Zaidi, MD
 Pathology 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	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32106080116	Collected On	: 08/06/2021 03:13 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	: 08/06/2021 04:28 AM
		Reported On	: 08/06/2021 06:18 AM
		Report Type	: Provisional

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>2.64</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>23.9</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	90.6	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	31.40	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>34.60</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>21.10</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>80</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>10.2</u> H	Thousand / μ L	4.0-10.0

DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy

Neutrophils	<u>73.0</u> H	%	35-66
Lymphocytes	<u>8.1</u> L	%	24-44
Monocytes	<u>17.0</u> H	%	3-6
Eosinophils	1.3	%	0-3

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32106080116	Collected On	: 08/06/2021 03:13 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	: 08/06/2021 04:28 AM
		Reported On	: 08/06/2021 06:18 AM
		Report Type	: Provisional

HAEMATOLOGY

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

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 : 39 Year(s) / Female
 Sample No : M32106080116
 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 : 08/06/2021 03:13 AM
 Referred DR : Dr. Nandish H K
 Received On : 08/06/2021 04:28 AM
 Reported On : 08/06/2021 12:50 PM
 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>2.64</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>23.9</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	90.6	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	31.40	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>34.60</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>21.10</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>80</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>10.2</u> H	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	<u>76</u> H	%	35-66
Lymphocytes	<u>8</u> L	%	24-44
Monocytes	<u>11</u> H	%	3-6
Eosinophils	1	%	0-3

Boneplate →
Hema S

Dr. Hema S, MD, DNB Associate
 Consultant, Hematology
 
 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 : 39 Year(s) / Female
Sample No : M02106080132
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 : 08/06/2021 03:13 AM
Referred DR : Dr. Nandish H K
Received On : 08/06/2021 04:28 AM
Reported On : 08/06/2021 08:02 AM
Report Type : Final

Test	Result	Unit	Biological Reference Interval
URIC ACID - Colorimetric - Uricase,Peroxidase	1.7 L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	2.30 L	mg/dL	2.5-4.5
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	69 L	mg/dL	Normal: 70-99 Pre-diabetes: 100-125 Diabetes: >= 126 ADA standards 2020

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



Page 3 / 5

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



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 : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02106080132
 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 : 08/06/2021 03:13 AM
 Referred DR : Dr. Nandish H K
 Received On : 08/06/2021 04:28 AM
 Reported On : 08/06/2021 08:02 AM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT FASTING)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	<u>15.0</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	123.05	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 -	<u>25</u> H	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	140	mmol/L	137-145
KRYPTON, SERUM - Direct ISE - Potentiometric	<u>2.9</u> L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	<u>112</u> H	mmol/L	98-107
ACIDITY - Colorimetric - Arsenazo Method	<u>8.9</u> L	mg/dL	9.0-10.10
MAGNESIUM - Colorimetric - Formazan Dye	<u>1.32</u> L	mg/dL	1.6-2.3

Report relates to sample tested with **Glucose** findings.
 Also refer to 'Methods / Techniques used' for details.



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


080-7122 2222

Certificate No. : M-0087

Narayana Hrudayalaya Limited



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02106080132
 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 : 08/06/2021 03:13 AM
 Referred DR : Dr. Nandish H K
 Received On : 08/06/2021 04:28 AM
 Reported On : 08/06/2021 08:02 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>11.90</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>4.30</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>7.60</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>2.7</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	1.17		1.0-2.1
GOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>80</u> H	U/L	14-36
GPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>55</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro Phenyl Phosphate, AMP buffer	100	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>70</u> H	U/L	12-43

Report relates to sample tested.
 Also refer to 'Methods / Techniques' on reverse side.

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.



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



Certificate No. : M-0087

Narayana Hrudayalaya Limited



080-7122 2222



MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M32106040291
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
Specimen : GASTROENTEROLOGY
Visit Type : BONE MARROW
Collected On : IP
Referred DR : 04/06/2021 05:20 PM
Received On : Dr. Nandish H K
Reported On : 04/06/2021 06:27 PM
Report Type : 08/06/2021 11:17 AM
Final

HAEMATOLOGY

BONE MARROW ASPIRATION REPORTING

Clinical History and Diagnosis

CLINICAL HISTORY AND DIAGNOSIS

BMA- 409/21.

Case of acute liver cell failure with overlap syndrome (DILI/ Autoimmune hepatitis), has been planned for liver transplant (in view of persistent/ unresolving liver failure). Patient also has pancytopenia (recovering). Bone marrow to look for Bone marrow cellularity. (Pre liver transplant clearance i/v/o pancytopenia).

SITE

Posterior superior iliac spine (PSIS).

SPECIMEN

Ten bone marrow aspirate smears along with peripheral blood in EDTA.

ASPIRATE QUALITY

Pauciparticulate and hemodilute.

CELLULARITY

Hemodilute aspirate smears and hypercellular imprints.

ERYTHROPOIESIS

Active, normoblastic maturation.

MYELOPOIESIS

All stages of maturation noted.

Result Entered by

Jisha P George

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



Hema S

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



Page 1 / 3



080-7122 2222

Certificate No. M-0087

Narayana Hrudayalaya Limited



MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M32106040291
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 : BONE MARROW
Visit Type : IP
Collected On : 04/06/2021 05:20 PM
Referred DR : Dr. Nandish H K
Received On : 04/06/2021 06:27 PM
Reported On : 08/06/2021 11:17 AM
Report Type : Final

HAEMATOLOGY

MEGAKARYOCYTES

Many normal and hyperlobulate megakaryocytes noted.

LYMPHOID LINEAGE

Mature morphology.

OTHERS

No evidence of atypical cells.

PS

Peripheral Blood: Hb: 7.5g/dl; RBC: 2.38million/ μ l; PCV: 21.2%; MCV: 89.1fl; MCH: 31.7pg; MCHC: 35.5g/dl; RDW: 19.3%; Platelets: 72,000/ μ l and TLC: 9,900cells/ μ l.
 [DLC:Polymorphs 66%, Lymphocytes 18%, Monocytes 15%, Eosinophils 01%.]
 RBCs - Normocytic normochromic with few hypochromic cells and occasional schistocytes (<0.5%).
 WBCs - Normal in number with mild moncytosis.
 Platelet - Mild thrombocytopenia.

Myelogram (DC on 500 cells)

BLASTS

01%

MYELOCYTES

09%

METAMYELOCYTES

10%

BAND FORMS / NEUTROPHILS

43%

LYMPHOCYTES

21%

Result Entered by

Rashna P George

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



Hema S

Dr. Hema S, MD, DNB Associate
Consultant Hematology



Certified No. 7-M-3087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M32106040291
 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 : BONE MARROW
 Visit Type : IP
 Collected On : 04/06/2021 05:20 PM
 Referred DR : Dr. Nandish H K
 Received On : 04/06/2021 06:27 PM
 Reported On : 08/06/2021 11:17 AM
 Report Type : Final

HAEMATOLOGY

MONOCYTES

04%

ERYTHROIDS

12%

IMPRESSION

Pauciparticulate, hemodilute aspirate smears and hypercellular touch imprints showing active trilineage hematopoiesis
 Kindly await report on trephine biopsy.

-- End of Report --

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

Result Entered by

Jyotsna P George



Hema S

Dr. Hema S, MD, DNB Associate
 Consultant Hematology



Certification No: 00087

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 : 39 Year(s) / Female
 Sample No : M32106080116
 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 : 08/06/2021 03:13 AM
 Referred DR : Dr. Nandish H K
 Received On : 08/06/2021 04:28 AM
 Reported On : 08/06/2021 12:50 PM
 Report Type : Final

HAEMATOLOGY

	Result	Unit	Biological Reference Interval
Basophils	0	%	0-1
Myelocytes	2	%	
Metamyelocytes	2	%	

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	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: C52106070043	Collected On	: 07/06/2021 06:13 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	: 07/06/2021 08:22 AM
		Reported On	: 07/06/2021 09:29 AM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT Test	<u>17.0</u> H	sec	9.3-12.6
Mean Normal PT (MNPT)	10.9	sec	9.3-12.6
INR	<u>1.64</u> H		< 1
APTT (ACTIVATED PARTIAL THROMBOPLASTIN TIME) Optical - clot detection			
APTT Test	<u>32.5</u> H	sec	22.4-30.1
Mean Normal APTT (MNAPTT)	24.6	sec	20.9-28.3
APTT ratio	<u>1.24</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. Shalini K S, DCP, DNBJunior
Consultant Laboratory Haematology



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	:
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02106070179	Collected On	: 07/06/2021 06:13 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	: 07/06/2021 08:22 AM
		Reported On	: 07/06/2021 10:41 AM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>15.00</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>6.33</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>8.67</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>4.8</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>2.5</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	1.09		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>70</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>63</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitrophenyl Phosphate, AMP buffer	94	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>62</u> H	U/L	12-43
RENAL PACKAGE - 2 (RFT FASTING)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	<u>21.0</u> L	mmol/L	22-30
SERUM CREATININE			

Report relates to sample tested Kindly


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



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M02106070179
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 : 07/06/2021 06:13 AM
Referred DR : Dr. Nandish H K
Received On : 07/06/2021 08:22 AM
Reported On : 07/06/2021 10:41 AM
Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	0.74	mg/dl	0.52-1.04
eGFR - Calculated	87.37	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	<u>28</u> H	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	139	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>3.2</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>8.8</u> L	mg/dL	9.0-10.10
MAGNESIUM - Colorimetric - Formazan Dye	<u>1.50</u> L	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase, Peroxidase	<u>1.8</u> L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	<u>2.20</u> L	mg/dL	2.5-4.5

Report relates to sample tested. Kindly contact


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

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02106070179
 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 : 07/06/2021 06:13 AM
 Referred DR : Dr. Nandish H K
 Received On : 07/06/2021 08:22 AM
 Reported On : 07/06/2021 10:41 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	72	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. Iyshwarya U MBBS , MD.
 Associate Consultant - Biochemistry



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: C52106070043	Collected On	: 07/06/2021 06:13 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	: 07/06/2021 08:22 AM
		Reported On	: 07/06/2021 09:29 AM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT Test	<u>17.0</u> H	sec	9.3-12.6
Mean Normal PT (MNPT)	10.9	sec	9.3-12.6
INR	<u>1.64</u> H		< 1
APTT (ACTIVATED PARTIAL THROMBOPLASTIN TIME) Optical - clot detection			
APTT Test	<u>32.5</u> H	sec	22.4-30.1
Mean Normal APTT (MNAPTT)	24.6	sec	20.9-28.3
APTT ratio	<u>1.24</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.

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



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M32106070138
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 07/06/2021 06:13 AM
 Referred DR : Dr. Nandish H K
 Received On : 07/06/2021 08:22 AM
 Reported On : 07/06/2021 11:56 AM
 Report Type : Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>9.00</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.85</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>25.9</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	90.9	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	31.70	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>19.70</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>85</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>10.3</u> H	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	<u>68.4</u> H	%	35-66
Lymphocytes	<u>8.5</u> L	%	24-44
Monocytes	<u>20.8</u> H	%	3-6
Eosinophils	1.2	%	0-3

Report relates to sample tested kindly



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32106070138	Collected On	: 07/06/2021 06:13 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	: 07/06/2021 08:22 AM
		Reported On	: 07/06/2021 11:56 AM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	1.1 H	%	0-1

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



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: C52106070043	Collected On	: 07/06/2021 06:13 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	: 07/06/2021 08:22 AM
		Reported On	: 07/06/2021 09:29 AM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT Test	<u>17.0</u> H	sec	9.3-12.6
Mean Normal PT (MNPT)	10.9	sec	9.3-12.6
INR	<u>1.64</u> H		< 1
APTT (ACTIVATED PARTIAL THROMBOPLASTIN TIME) Optical - clot detection			
APTT Test	<u>32.5</u> H	sec	22.4-30.1
Mean Normal APTT (MNAPTT)	24.6	sec	20.9-28.3
APTT ratio	<u>1.24</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. Shalini K S, DCP, DNBJunior
Consultant Laboratory Haematology



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02106060298	Collected On	: 06/06/2021 07:07 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	: 06/06/2021 07:57 PM
		Reported On	: 06/06/2021 10:17 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
MAGNESIUM - Colorimetric - Formazan Dye	<u>1.48</u> L	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase, Peroxidase	<u>1.7</u> L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	<u>2.06</u> L	mg/dL	2.5-4.5
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	90	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 --



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



NH Helpline
080-7122 2222

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

$Pt \rightarrow 990$
 $Hb \rightarrow 90.6.9$
 $PCV \rightarrow 19.9$
 $\tau c \rightarrow 10.6$

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02106060316	Collected On	: 06/06/2021 10:49 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	: 06/06/2021 11:33 PM
		Reported On	: 07/06/2021 12:05 AM
		Report Type	: Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>15.40</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>7.06</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>8.34</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>5.8</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>3.0</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	1.07		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>125</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>71</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitrophenyl Phosphate, AMP buffer	93	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>94</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.



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32106060192	Collected On	: 06/06/2021 07:07 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	: 06/06/2021 07:57 PM
		Reported On	: 06/06/2021 10:43 PM
		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>2.22</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>19.9</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	89.9	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	31.30	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>22.40</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>90</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>10.6</u> H	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) vcs Technology plus Microscopy			
Neutrophils	62.0	%	35-66
Lymphocytes	<u>9.5</u> L	%	24-44
Monocytes	<u>25.8</u> H	%	3-6
Eosinophils	1.5	%	0-3

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: C52106060077	Collected On	: 06/06/2021 07:07 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	: 06/06/2021 07:57 PM
		Reported On	: 06/06/2021 08:44 PM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT Test	<u>17.7</u> H	sec	9.3-12.6
Mean Normal PT (MNPT)	10.9	sec	9.3-12.6
INR	<u>1.66</u> H		< 1
APTT (ACTIVATED PARTIAL THROMBOPLASTIN TIME) Optical - clot detection			
APTT Test	<u>37.1</u> H	sec	22.4-30.1
Mean Normal APTT (MNAPTT)	24.6	sec	20.9-28.3
APTT ratio	<u>1.41</u> H	sec	0.8-1.1



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



Narayana Hrudayalaya Limited



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02106030138	Collected On	: 03/06/2021 03:15 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	: 03/06/2021 04:26 AM
		Reported On	: 03/06/2021 02:59 PM
		Report Type	: Final

BIOCHEMISTRY

	Result	Unit	Biological Reference Interval
CA - 125 - Enhanced chemiluminescence	<u>396.0</u> H	U/mL	<= 35
CA - 19 - 9 - Enhanced chemiluminescence	<u>304.00</u> H	U/mL	<= 37
CARCINO EMBRYONIC ANTIGEN (CEA) - Enhanced chemiluminescence	7.26	ng/mL	Non Smokers : < 3.0 Smokers : < 5.0
ALPHA FETO PROTEIN (AFP) - Enhanced chemiluminescence	2.51	ng/mL	AFP values in maternal serum during pregnancy 15 Weeks: 30.68 16 Weeks: 35.25 17 Weeks: 39.52 18 Weeks: 45.44 19 Weeks: 52.10 20 Weeks: 58.44 Non pregnant : < 7.51

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 : 39 Year(s) / Female
 Sample No : M12106030024
 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 : 03/06/2021 03:15 AM
 Referred DR : Dr. Nandish H K
 Received On : 03/06/2021 04:26 AM
 Reported On : 04/06/2021 04:10 PM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
HIV - CHEMILUMINESCENCE	Non Reactive(0.27)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0

Interpretations:

- The results of the HIV Combo test, in conjunction with other serological evidence and clinical information, may be used as an aid in the diagnosis of infection with HIV-1 and/or HIV-2 in persons at high and low risk for HIV infection.
- HBsAg is the first marker to appear following infection, and is the best indirect indicator of potentially infectious sera.
- HBV infection produces an array of unique antigens and antibodies which follow distinct and individual serological patterns. By monitoring these markers, it is possible not only to diagnose infection, but also to determine the stage of the disease and probable prognosis

Limitations:

This is only a screening test. A reactive sample should be confirmed by PCR methods

CMV IGM & IGG ANTIBODIES Enzyme linked fluorescent assay

CMV IGG ANTIBODY (CYTOMEGALOVIRUS)	39 H	UA/ml	Negative: < 4.0 Equivocal: 4.0-6.0 Positive: > 6.0
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Report relates to sample tested
 Also refer to 'Methods / Technique used on the reverse'





DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M12106030024
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 : 03/06/2021 03:15 AM
Referred DR : Dr. Nandish H K
Received On : 03/06/2021 04:26 AM
Reported On : 04/06/2021 04:10 PM
Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
PANCA	Negative		

pANCA: Fluorescence is caused by antibodies against myeloperoxidase.

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



Annie Rofeena
Dr Annie Rofeena Sinazer MD
Microbiology Associate Consultant



Certificate No.: M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M12106030024
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : SERUM
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 Received On : 03/06/2021 04:26 AM
 Reported On : 04/06/2021 04:10 PM
 Report Type : Final

Interpretations:

The detection of IgG antibodies to CMV can be useful in the diagnosis of current primary infection, particularly in pregnant women with rising titre. The detection of anti-cytomegalovirus IgG is useful in assessing the immune status of patients.

CMV IGM ANTIBODY (CYTOMEGALOVIRUS)

0.03

 Negative: < 0.70
 Equivocal: 0.70-0.90
 Positive: > 0.90

Interpretations The detection of anti-CMV IgM can be useful in the diagnosis of current primary infection, particularly in pregnant women. The anti-CMV IgM present in approximately 70% of primary infections, generally persist 16 to 20 weeks after infection, and may reappear irregularly during reactivation.

Limitations: The detection of anti-CMV IgM may be difficult in immunocompromised patients. The diagnosis of cytomegalovirus infection or non-infection in immunocompromised patients should not be based solely on the determination of anti-CMV IgM. Interpretation of CMV IgM test results should be made taking into consideration the patient's history and the results of any other tests performed (viral culture, viral DNA, anti-CMV IgG, etc.)

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

Narayana Hrudayalaya Limited



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M12106030024
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 : 03/06/2021 03:15 AM
Referred DR : Dr. Nandish H K
Received On : 03/06/2021 04:26 AM
Reported On : 04/06/2021 04:10 PM
Report Type : Final

Test	Result	Unit	Biological Reference Interval
VARICELLA IGG ANTIBODY - VARICELLA IGG ANTIBODY - Enzyme linked fluorescent assay	1.49 H		Negative: < 0.6 Equivocal: 0.6-0.9 Positive: > 0.9

Interpretations: The Varicella-Zoster IgG (VZG) assay is intended as an aid in the determination of immunological experience with varicella-zoster virus. The results of this test are qualitative and should be considered as either positive or negative for the presence of antibodies to VZV. The correlation of negative test results determined with this test as they relate to protection from varicella infection has not yet been definitely established.

Limitations: If a definitive determination of immunity is required, all persons with negative results should be retested by a more sensitive assay assay results should be interpreted taking into consideration the patient's history, and the results of any other tests performed.

SEROLOGY PROFILE			
HBSAG (HEPATITS B SURFACE ANTIGEN) - CHEMILUMINESCENCE - Chemiluminescence	Non Reactive(0.20)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0
HCV (ANTI HCV ANTIBODY) - CHEMILUMINESCENCE - Chemiluminescence	Non Reactive(0.01)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0

Report relates to sample tested clinically correlated on the above date.
Also refer to 'Methods / Techniques Used' on the reverse side.



K. Mallika Reddy

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 : 39 Year(s) / Female
 Sample No : M02106030139
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 03/06/2021 03:15 AM
 Referred DR : Dr. Nandish H K
 Received On : 03/06/2021 04:26 AM
 Reported On : 03/06/2021 12:27 PM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
HbA1C			Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: >= 6.5 ADA standards 2020
HbA1c - (HPLC NGSP Certified)	5.0	%	
Estimated Average Glucose	96.8		

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	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M12106030024	Collected On	: 03/06/2021 03:15 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	: 03/06/2021 04:26 AM
		Reported On	: 04/06/2021 04:10 PM
		Report Type	: Final

Test

Result

Unit

Biological
Reference
Interval

SERUM RPR

SYPHILIS IGM & IGG

Negative,0.02

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	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02106060299	Collected On	: 06/06/2021 07:07 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	: 06/06/2021 07:57 PM
		Reported On	: 06/06/2021 10:14 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	89	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 --



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



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M02106050160
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 : 05/06/2021 04:43 AM
Referred DR : Dr. Nandish H K
Received On : 05/06/2021 05:53 AM
Reported On : 05/06/2021 07:51 AM
Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
FREE TRIIODOTHYRONINE (FT3) - Enhanced chemiluminescence	2.78	pg/mL	2.77-5.27
FREE THYROXINE (FT4) - Enhanced chemiluminescence	1.61	ng/dL	0.78-2.19
LDH TOTAL - Multipoint Rate - Pyruvate to Lactate	<u>381</u> H	U/L	120-246
TSH (THYROID STIMULATING HORMONE) - Enhanced chemiluminescence	1.330	μIU/mL	0.465-4.68 Pregnancy 1st Trimester : 0.1 - 2.5 2nd Trimester : 0.2 - 3.0 3rd Trimester : 0.2 - 3.0

LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)

CHOLESTEROL TOTAL - Colorimetric - Cholesterol Oxidase	69	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
TRIGLYCERIDES - LPL/GK	<u>183</u> H	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL CHOLESTROL (HDLC) - Colorimetric: Non HDL precipitation phosphotungstic acid method	<u>10</u> L	mg/dL	40-60

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


 Narayana Hrudayalaya Limited
 Certificate No.: M-0087

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Certificate No.: M-0087



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02106050160
 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 : 05/06/2021 04:43 AM
 Referred DR : Dr. Nandish H K
 Received On : 05/06/2021 05:53 AM
 Reported On : 05/06/2021 07:51 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LDL CHOLESTEROL - Colorimetric Method	30	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL CHOLESTEROL - Calculated	36.60	mg/dL	0-40
CHOLESTEROL /HDL RATIO - Calculated	<u>6.90</u> H		0.0-5.0

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 : 39 Year(s) / Female
Sample No : M32106050129
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
Specimen : WHOLE BLOOD
Visit Type : IP
Collected On : 05/06/2021 04:43 AM
Referred DR : Dr. Nandish H K
Received On : 05/06/2021 05:53 AM
Reported On : 05/06/2021 10:47 AM
Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
RETICULOCYTE COUNT - VCS Technology plus Microscopy	9.60	%	Adult Females: 0.5-2.5

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

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 : 39 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 : 04/06/2021 11:44 AM
Referred DR : Dr. Nandish H K
Received On : 04/06/2021 12:44 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 reverse



Page 2 / 6



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 : 39 Year(s) / Female
 Sample No : M12106040056
 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 : 04/06/2021 11:44 AM
 Referred DR : Dr. Nandish H K
 Received On : 04/06/2021 12:44 PM
 Reported On : 04/06/2021 02:12 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	1.36	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.



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M32106040215
 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 : 04/06/2021 11:44 AM
 Referred DR : Dr. Nandish H K
 Received On : 04/06/2021 12:44 PM
 Reported On : 04/06/2021 01:13 PM
 Report Type : Final

HAEMATOLOGY

	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>7.50</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.38</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>21.2</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	89.1	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	31.70	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.50</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>19.30</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>90</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	9.9	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	64.4	%	35-66
Lymphocytes	<u>8.4</u> L	%	24-44
Monocytes	<u>25.2</u> H	%	3-6
Eosinophils	0.7	%	0-3

Report relates to sample sent for testing.
Also refer to 'Methods Test' section of report.

Dr. Shalini K S, DCP, DNB Junior
 Consultant Laboratory Technologist
 Helpline
 080-7122 2222

Certificate No. M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M32106040215
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraheem Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
 GASTROENTEROLOGY
 Specimen : WHOLE BLOOD
 Visit Type : IP
 Collected On : 04/06/2021 11:44 AM
 Referred DR : Dr. Nandish H K
 Received On : 04/06/2021 12:44 PM
 Reported On : 04/06/2021 01:13 PM
 Report Type : Final

HAEMATOLOGY

	Result	Unit	Biological Reference Interval
Basophils	1.3 H	%	0-1

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 Haematologist



Certificate No. : M-0087

080-7122 2222

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02106040288
 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 : 04/06/2021 11:44 AM
 Referred DR : Dr. Nandish H K
 Received On : 04/06/2021 12:44 PM
 Reported On : 04/06/2021 02:42 PM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 1 (KFT RANDOM)			
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>1.18</u> H	mg/dl	0.52-1.04
eGFR - Calculated	50.99	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 -	<u>34</u> H	mg/dL	7.0-17.0
ODIUM, SERUM - Direct ISE - Potentiometric	<u>136</u> L	mmol/L	137-145
OSSIUM, SERUM - Direct ISE - Potentiometric	<u>2.5</u> P	mmol/L	3.5-5.1
CLORIDE - Direct ISE - Potentiometric	106	mmol/L	98-107
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP carboxylase	<u>19.0</u> L	mmol/L	22-30

Report relates to sample tested
 Consistent with clinical findings.
 Also refer to Methods / Techniques



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02106040288
 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 : 04/06/2021 11:44 AM
 Referred DR : Dr. Nandish H K
 Received On : 04/06/2021 12:44 PM
 Reported On : 04/06/2021 02:42 PM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	108	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 : 39 Year(s) / Female
Sample No : M12106040056
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 : 04/06/2021 11:44 AM
Referred DR : Dr. Nandish H K
Received On : 04/06/2021 12:44 PM
Reported On : 04/06/2021 02:12 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	1.36	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 Sinaze MD
 Microbiology Associate Consultant
 Narayana Hrudayalaya Limited



NH Helpline
 080-7122 2222

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	:
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	:	Collected On	: 04/06/2021 11:44 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	: 04/06/2021 12:44 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 reverse



Page 2 / 6



Certificate No.: MI-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 : 39 Year(s) / Female
 Sample No : M32106040215
 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 : 04/06/2021 11:44 AM
 Referred DR : Dr. Nandish H K
 Received On : 04/06/2021 12:44 PM
 Reported On : 04/06/2021 01:13 PM
 Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>7.50</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.38</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>21.2</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	89.1	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	31.70	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.50</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>19.30</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>90</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	9.9	Thousand / μ L	4.0-10.0

DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy

Neutrophils	64.4	%	35-66
Lymphocytes	<u>8.4</u> L	%	24-44
Monocytes	<u>25.2</u> H	%	3-6
Eosinophils	0.7	%	0-3

Also refer to 'Methods / Technique used' on the reverse side. Results may correlate with clinical findings.



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32106040215	Collected On	: 04/06/2021 11:44 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	: 04/06/2021 12:44 PM
		Reported On	: 04/06/2021 01:13 PM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	1.3 H	%	0-1

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



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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	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02106040288	Collected On	: 04/06/2021 11:44 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	: 04/06/2021 12:44 PM
		Reported On	: 04/06/2021 02:42 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 1 (KFT RANDOM)			
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>1.18</u> H	mg/dl	0.52-1.04
eGFR - Calculated	50.99	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 - crease	<u>34</u> H	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	<u>136</u> L	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>2.5</u> P	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	106	mmol/L	98-107
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP carboxylase	<u>19.0</u> L	mmol/L	22-30

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



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02106040288	Collected On	: 04/06/2021 11:44 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	: 04/06/2021 12:44 PM
		Reported On	: 04/06/2021 02:42 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	108	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



 Dr. Ishwarya U MBBS, MD
 Associate Consultant - Biochemistry
  
 080-7122 2222
 Certificate No.: M-0087

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M12106030024
 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 : 03/06/2021 03:15 AM
 Referred DR : Dr. Nandish H K
 Received On : 03/06/2021 04:26 AM
 Reported On : 04/06/2021 07:14 AM
 Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
HIV - CHEMILUMINESCENCE	Non Reactive(0.27)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0

Interpretations:

- The results of the HIV Combo test, in conjunction with other serological evidence and clinical information, may be used as an aid in the diagnosis of infection with HIV-1 and/or HIV-2 in persons at high and low risk for HIV infection.
- HBsAg is the first marker to appear following infection, and is the best indirect indicator of potentially infectious sera.
- HBV infection produces an array of unique antigens and antibodies which follow distinct and individual serological patterns. By monitoring these markers, it is possible not only to diagnose infection, but also to determine the stage of the disease and probable prognosis

Limitations:

This is only a screening test. A reactive sample should be confirmed by PCR methods

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

CMV IGM & IGG ANTIBODIES Enzyme linked fluorescent assay

CMV IGG ANTIBODY (CYTOMEGALOVIRUS)

39 H

UA/ml

 Negative: < 4.0
 Equivocal: 4.0-6.0
 Positive: > 6.0


 Dr. Mallika Reddy KMBBS, MD

Consultant



NH Helpline

080-7122 2222

Certificate No.: M-0087

Narayana Hrudayalaya Limited





DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M02106030139
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
Specimen : GASTROENTEROLOGY
Visit Type : WHOLE BLOOD
Collected On : IP
Referred DR : 03/06/2021 03:15 AM
Received On : Dr. Nandish H K
Reported On : 03/06/2021 04:26 AM
Report Type : 03/06/2021 12:27 PM
 Final

Test	Result	Unit	Biological Reference Interval
HbA1C			Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: >= 6.5 ADA standards 2020
HbA1c - (HPLC NGSP Certified)	5.0	%	
Estimated Average Glucose	96.8		

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



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Unit of Narayana Health

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M12106030024	Collected On	: 03/06/2021 03:15 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	: 03/06/2021 04:26 AM
		Reported On	: 04/06/2021 07:14 AM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
CMV IGM ANTIBODY (CYTOMEGALOVIRUS)	0.03		Negative: < 0.70 Equivocal: 0.70-0.90 Positive: > 0.90

Interpretations: The detection of anti-CMV IgM can be useful in the diagnosis of current primary infection, particularly in pregnant women. The anti-CMV IgM present in approximately 70% of primary infections, generally persist 16 to 20 weeks after infection, and may reappear irregularly during reactivation.

Limitations: The detection of anti-CMV IgM may be difficult in immunocompromised patients. The diagnosis of cytomegalovirus infection or non-infection in immunocompromised patients should not be based solely on the determination of anti-CMV IgM. Interpretation of CMV IgM test results should be made taking into consideration the patient's history and the results of any other tests performed (viral culture, viral DNA, anti-CMV IgG, etc.).

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




Dr. Annie Reema Sinha MD
Microbiology Associate Consultant



080-7122 2222

Certificate No.: M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M12106030024
 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 : 03/06/2021 03:15 AM
 Referred DR : Dr. Nandish H K
 Received On : 03/06/2021 04:26 AM
 Reported On : 04/06/2021 07:14 AM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
SERUM RPR	Negative, 0.02		
SYPHILIS IGM & IGG			

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. Mallika Reddy KMBBS, MD
 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	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02106030495	Collected On	: 03/06/2021 06:06 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	: 03/06/2021 06:37 PM
		Reported On	: 03/06/2021 10:12 PM
		Report Type	: Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM FERRITIN - Enhanced chemiluminescence	3040.0 H	ng/mL	6.24-137

Comment: RESULTED IN 1:10 DILUTION

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 / Techniques used' on the reverse



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M12106030208	Collected On	: 03/06/2021 11:33 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	: 04/06/2021 01:19 AM
		Reported On	: 04/06/2021 07:51 AM
		Report Type	: Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
IGG COVID ANTIBODY (Anti-SARS-CoV-2 IgG)	Enhanced Chemiluminescence Immunoassay (CLIA)		
IGG COVID ANTIBODY (Anti-SARS-CoV-2 IgG)	Reactive(2.71) H		Non Reactive: < 1.0 Reactive: >= 1.0

Interpretations:

The Anti-SARS-CoV-2 IgG test is intended for use as an aid in identifying individuals with an adaptive immune response to SARS-CoV-2 indicating recent or prior infection.

The Anti-SARS-CoV-2 IgG test should not be used to diagnose acute SARS-CoV-2 infection.

- Non-Reactive test result means that the IgG antibodies to the virus that causes COVID-19 were not found in your sample.
- A Non-Reactive result may occur if you are tested early in your illness and your body hasn't had time to produce IgG antibodies to infection. This means that you could possibly still have COVID-19 even though the test is Non-Reactive.
- A non-reactive result can occur if the quantity of antibodies for the SARS-CoV-2 virus present in the specimen is below the detection limit of the assay, or the virus has undergone minor amino acid mutation(s) in the epitope recognized by the antibody detected by the test.
- A Reactive test result indicates that IgG antibodies to SARS-CoV-2 were detected, and you are likely to have or previously had COVID-19 and that you have developed an antibody response to the virus.

The sensitivity of Anti-SARS-CoV-2 IgG test in early infection is unknown. Negative results do not preclude acute SARS-CoV-2 infection. If acute infection is suspected direct testing for SARS-CoV-2 is necessary.

False positive results for Anti-SARS-CoV-2 IgG test may occur due to cross-reactivity from pre-existing antibodies or



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02106030138
 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 : 03/06/2021 03:15 AM
 Referred DR : Dr. Nandish H K
 Received On : 03/06/2021 04:26 AM
 Reported On : 03/06/2021 02:59 PM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
CA - 125 - Enhanced chemiluminescence	396.0 H	U/mL	<= 35
CA - 19 - 9 - Enhanced chemiluminescence	304.00 H	U/mL	<= 37
CARCINO EMBRYONIC ANTIGEN (CEA) - Enhanced chemiluminescence	7.26	ng/mL	Non Smokers : < 3.0 Smokers : < 5.0
ALPHA FETO PROTEIN (AFP) - Enhanced chemiluminescence	2.51	ng/mL	AFP values in maternal serum during pregnancy 15 Weeks: 30.68 16 Weeks: 35.25 17 Weeks: 39.52 18 Weeks: 45.44 19 Weeks: 52.10 20 Weeks: 58.44 Non pregnant : < 7.51

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

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 Certificate No.: M-0087
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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M12106030024
 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 : 03/06/2021 03:15 AM
 Referred DR : Dr. Nandish H K
 Received On : 03/06/2021 04:26 AM
 Reported On : 04/06/2021 07:14 AM
 Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
VARICELLA IGG ANTIBODY - VARICELLA IGG ANTIBODY - Enzyme linked fluorescent assay	1.49 H		Negative: < 0.6 Equivocal: 0.6-0.9 Positive: > 0.9

Interpretations: The Varicella-Zoster IgG (VZG) assay is intended as an aid in the determination of immunological experience with varicella-zoster virus. The results of this test are qualitative and should be considered as either positive or negative for the presence of antibodies to VZV. The correlation of negative test results determined with this test as they relate to protection from varicella infection has not yet been definitely established.

Limitations: If a definitive determination of immunity is required, all persons with negative results should be retested by a more sensitive assay. Assay results should be interpreted taking into consideration the patient's history, and the results of any other tests performed.

SEROLOGY PROFILE

HBSAG (HEPATITS B SURFACE ANTIGEN) - CHEMILUMINESCENCE - Chemiluminescence	Non Reactive(0.20)	Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0
HCV (ANTI HCV ANTIBODY) - CHEMILUMINESCENCE - Chemiluminescence	Non Reactive(0.01)	Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0

Report relates to sample tested. Kindly correlate with clinical findings.
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Dr. Mallika Reddy KMBBS, MD
 Consultant

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Certificate No: M-0087

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: URINE
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M72106020091	Collected On	: 02/06/2021 06:14 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	: 02/06/2021 07:46 PM
		Reported On	: 05/06/2021 11:26 AM
		Report Type	: Final

URINE FOR CULTURE & SENSITIVITY

Microbiology

Method Name : Manual calibrated loop method/ID MALDI TOF MS/ Automated MIC
 Report Status : Final Report
 Colony Count : $>10^5$ CFU/ml
 Incub Period : 48 hrs of incubation

Culture

Resistance Mechanism Detected : VANCOMYCIN RESISTANT ENTEROCOCCUS

Sensitivity For: Enterococcus faecium

Antimicrobial	Sensitivity	Level	MIC Value
Amoxicillin/Clavulanate	Resistant		>8/4
Ampicillin	Resistant		>16
Chloramphenicol	Resistant		>16
Ciprofloxacin	Resistant		>2
Daptomycin	Susceptible		2
Erythromycin	Resistant		>4
Gentamicin	Resistant		>8
Gentamicin-Syn	Susceptible		<=500
Linezolid	Susceptible		
Nitrofurantoin	Resistant		>128
Penicillin G	Resistant		>8
Streptomycin-Syn	Susceptible		<=1000
Teicoplanin	Resistant		
Trimethoprim	Susceptible		<=0.5
Trimethoprim/Sulfamethaxazole	Susceptible		<=0.5/9.5
Vancomycin	Resistant		>16

Note:

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



MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M72106020091
 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 : 02/06/2021 06:14 PM
 Referred DR : Dr. Nandish H K
 Received On : 02/06/2021 07:46 PM
 Reported On : 05/06/2021 11:26 AM
 Report Type : Final

URINE FOR CULTURE & SENSITIVITY

Microbiology

Method Name : Manual calibrated loop method/ID MALDI TOF MS/ Automated MIC
 Report Status : Final Report
 Colony Count : $>10^5$ CFU/ml
 Incub Period : 48 hrs of incubation

Culture

Resistance Mechanism Detected : VANCOMYCIN RESISTANT ENTEROCOCCUS

Sensitivity For: Enterococcus faecium

Antimicrobial	Sensitivity	Level	MIC Value
Amoxicillin/Clavulanate	Resistant		>8/4
Ampicillin	Resistant		>16
Chloramphenicol	Resistant		>16
Ciprofloxacin	Resistant		>2
Daptomycin	Susceptible		2
Erythromycin	Resistant		>4
Gentamicin	Resistant		>8
Gentamicin-Syn	Susceptible		<=500
Lincosolid	Susceptible		
Norfloxacin	Resistant		>128
Penicillin G	Resistant		>8
Streptomycin-Syn	Susceptible		<=1000
Tetracycline	Resistant		
Trimethoprim	Susceptible		<=0.5
Trimethoprim/Sulfamethaxazole	Susceptible		<=0.5/9.5
Vancomycin	Resistant		>16

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



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: URINE
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M62106020054	Collected On	: 02/06/2021 06:14 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	: 02/06/2021 07:46 PM
		Reported On	: 02/06/2021 09:08 PM
		Report Type	: Final

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION(Manual Method) Automated			
Sp. Gravity	1.015		1.002-1.03
CHEMICAL EXAMINATION(Automated Dipstick Method)			
pH(REACTION) - pH indicator method	6.0		4.8-7.5
Protein ,Error of indicators	Present +		
Urine Glucose - GOD/POD	Negative	.	
Ketone Bodies ,Rother's principle	Negative		
Bile Salts ,Diaz reaction	Negative		
Bile Pigment (Bilirubin) ,Diaz reaction	Negative		
Urobilinogen ,Modified Ehrlich's reaction	Normal		
Blood Urine ,Peroxidase reaction	Present ++		
Urine Leucocyte Esterase ,Esterase reaction with pyrrole compound	Negative		
Nitrite ,Reaction with diazonium compound	Negative		
MICROSCOPIC EXAMINATION			
Pus Cells	6-8/ hpf	/HPF	0-2
Epithelial Cells	3-4/hpf L	/HPF	2-3

Shalini

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



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02106020187
 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 : 02/06/2021 03:20 AM
 Referred DR : Dr. Nandish H K
 Received On : 02/06/2021 04:19 AM
 Reported On : 02/06/2021 07:09 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
MAGNESIUM - Colorimetric - Formazan Dye	1.60	mg/dL	1.6-2.3

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

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

S. Thygady
 M. Venkatasamy S MSc,
 Senior Biochemist
1800-4250-4250
HELPLINE

These tests are auto-approved

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



Mrs. Latha B S. M.Sc., M.Phil
 Consultant Biochemist
NH Helpline
080-7122 2222

Certificate No. : M-0087

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Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M12106020049
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 : 02/06/2021 03:20 AM
Referred DR : Dr. Nandish H K
Received On : 02/06/2021 04:19 AM
Reported On : 02/06/2021 07:21 AM
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	1.36	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



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 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 : 02/06/2021 03:20 AM
 Referred DR : Dr. Nandish H K
 Received On : 02/06/2021 04:19 AM
 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.
 Note:
 Abnormal results are highlighted.
 Results relate to the sample only.
 Kindly correlate clinically.
 Also refer to 'Methods / Technique used' on the reverse

-- End of Report --



Page 3 / 3



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	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32106020125	Collected On	: 02/06/2021 03:20 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	: 02/06/2021 04:19 AM
		Reported On	: 02/06/2021 05:28 AM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	0.8	%	0-1

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	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32106020125	Collected On	: 02/06/2021 03:20 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	: 02/06/2021 04:19 AM
		Reported On	: 02/06/2021 05:28 AM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>7.80</u> L	g/dL	12.0-15.0
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>22.4</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	87.4	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.50	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>17.20</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>55</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	<u>10.9</u> H	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	64.2	%	35-66
Lymphocytes	<u>11.2</u> L	%	24-44
Monocytes	<u>22.6</u> H	%	3-6
Eosinophils	1.2	%	0-3

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M02105310107
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 : 31/05/2021 02:43 AM
Referred DR : Dr. Nandish H K
Received On : 31/05/2021 04:59 AM
Reported On : 31/05/2021 06:51 AM
Report Type : Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT FASTING)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	22.0	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	0.56	mg/dl	0.52-1.04
eGFR - Calculated	120.52	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 - increase	17	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	133 L	mmol/L	137-145
KOTASSIUM, SERUM - Direct ISE - Potentiometric	3.4 L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	104	mmol/L	98-107
ALCIUM - Colorimetric - Arsenazo Method	8.4 L	mg/dL	9.0-10.10

Report relates to sample with clinical findings.



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02105310107	Collected On	: 31/05/2021 02:43 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	: 31/05/2021 04:59 AM
		Reported On	: 31/05/2021 06:51 AM
		Report Type	: Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
MAGNESIUM - Colorimetric - Formazan Dye	1.79	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase, Peroxidase	1.7 L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	3.42	mg/dL	2.5-4.5
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	64 L	mg/dL	Normal: 70-99 Pre-diabetes: 100-125 Diabetes: >= 126 ADA standards 2020

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



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32105310094	Collected On	: 31/05/2021 02:43 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	: 31/05/2021 04:59 AM
		Reported On	: 31/05/2021 06:51 AM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>7.20</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.35</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>20.5</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	87.2	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.40	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>34.80</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>16.60</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>25</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	8.8	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	62.5	%	35-66
Lymphocytes	<u>15.0</u> L	%	24-44
Monocytes	<u>20.1</u> H	%	3-6
Eosinophils	1.5	%	0-3

Report relates to sample collected with clinical findings



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M32105310094
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraaharam Krishnagiri Hosur
Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : WHOLE BLOOD
Visit Type : IP
Collected On : 31/05/2021 02:43 AM
Referred DR : Dr. Nandish H K
Received On : 31/05/2021 04:59 AM
Reported On : 31/05/2021 06:51 AM
Report Type : Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	0.9	%	0-1

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.



Instrumentation Laboratory

PATIENT SAMPLE REPORT

Status: ACCEPTED
09/05/2021 02:52:56
Sample Type:
Arterial
Sample No.: 364
Operator:
LAVANYA
Patient:
Name:
LAKSHMI
Sex: U
Instrument:
Model: GEM 3500
S/N: 19081550

ST - 97%
SpO2

Measured (37.0C)

pH	7.51	
pCO2	29	mmHg
pO2	88	mmHg
Na+	131	mmol/L
K+	3.3	mmol/L
Ca++	1.02	mmol/L
Glu	111	mg/dL
Lac	3.2	mmol/L
Hct	22	%

Derived Parameters

Ca++(7.4)	1.07	mmol/L
HCO3-	23.1	mmol/L
HCO3std	25.1	mmol/L
TCO2	24.0	mmol/L
BEecf	0.1	mmol/L
BE(B)	0.2	mmol/L
S02c	98	%
THb	6.3	g/dL

Mf



Instrumentation Laboratory

PATIENT SAMPLE REPORT

Status: ACCEPTED
08/05/2021 08:10:20
Sample Type:
Arterial
Sample No.: 343
Operator:
LAVANYA
Patient:
Name:
LAKSHMI
Sex: U
Instrument:
Model: GEM 3500
S/N: 19081550

8/5/21
3.00 hbs

bala

JM

Measured (37.0C)

pH	7.50
pCO2	28 mmHg
pO2	101 mmHg
Na+	130 mmol/L
K+	2.4 mmol/L
Ca++	0.68 mmol/L
Glu	99 mg/dL
Lac	1.2 mmol/L
Hct	18 %

Derived Parameters

Ca++(7.4)	0.71	mmol/L
HCO3-	21.8	mmol/L
HCO3std	24.0	mmol/L
TCO2	22.7	mmol/L
BEecf	-1.4	mmol/L
BE(B)	-1.3	mmol/L
S02c	98	%
THbc	5.6	g/dL



Instrumentation Laboratory

PATIENT SAMPLE REPORT

Status: ACCEPTED
08/05/2021 02:38:30
Sample Type:
Arterial
Sample No.: 334
Operator:
LAVANYA
Patient:
ID: 022105080003
Name:
LAKSHMI
Sex: U
Instrument:
Model: GEM 3500
S/N: 19081550

Measured (37.0C)

pH	7.48	
pCO2	33	mmHg
pO2	112	mmHg
Na+	130	mmol/L
K+	2.5	mmol/L
Ca++	0.87	mmol/L
Glu	101	mg/dL
Lac	1.4	mmol/L
Hct	18	%

Derived Parameters

Ca++(7.4)	0.90	mmol/L
HC03-	24.6	mmol/L
HC03std	25.8	mmol/L
TCO2	25.6	mmol/L
BEecf	1.1	mmol/L
BE(B)	1.0	mmol/L
S02c	99	%
THbc	5.6	g/dL



Instrumentation Laboratory

PATIENT SAMPLE REPORT

Status: ACCEPTED
07/05/2021 20:04:20

Sample Type:

An arterial

Sample No.: 320

Operator:

pooja m

Patient:

Name:

LASUMI

Sex: U

Instrument:

Model: GEM 3500

S/N: 19081550

Measured (37.0C)

pH	7.50	
pCO2	30	mmHg
pO2	94	mmHg
Na+	132	mmol/L
K+	2.7	mmol/L
Ca++	1.06	mmol/L
Glu	123	mg/dL
Lac	1.3	mmol/L
Hct	21	%

Derived Parameters

Ca++(7.4)	1.10	mmol/L
HC03-	23.4	mmol/L
HC03std	25.2	mmol/L
TCO2	24.3	mmol/L
BEecf	0.2	mmol/L
BE(B)	0.3	mmol/L
S02c	98	%
THbc	6.5	g/dL



Instrumentation Laboratory

PATIENT SAMPLE REPORT

Status: ACCEPTED

07/07/2021 13:45:50

Sample Type:

Arterial

Sample No.: 313

Operator:

LAVANYA

Patient:

Name:

LAKSHMI

Sex: U

Instrument:

Model: GEM 3500

S/N: 19081550

SV
SpO₂ 97%

Measured (37.0C)

pH	7.53	
pCO ₂	27	mmHg
pO ₂	93	mmHg
Na ⁺	127	mmol/L
K ⁺	2.7	mmol/L
Ca ⁺⁺	0.77	mmol/L
Glu	72	mg/dL
Lac	1.6	mmol/L
Hct	18	%

Derived Parameters

Ca ⁺⁺ (7.4)	0.81	mmol/L
HCO ₃ ⁻	22.6	mmol/L
HCO ₃ std	24.9	mmol/L
TCO ₂	23.4	mmol/L
BEecf	-0.1	mmol/L
BE(B)	-0.1	mmol/L
SO ₂ c	98	%
THbc	5.6	g/dL



Instrumentation Laboratory

PATIENT SAMPLE REPORT

Status: ACCEPTED

07/05/2021 02:59:48

Sample Type:

Arterial

Sample No.: 297

Operator:

LAVANYA

Patient:

Name:

LAKSHMI

Sex: U

Instrument:

Model: GEM 3500

S/N: 19081550

SV.
SpO₂ - 98%.

Measured (37.0C)

pH	7.51	
pCO ₂	29	mmHg
pO ₂	110	mmHg
Na ⁺	128	mmol/L
K ⁺	2.4	mmol/L
Ca ⁺⁺	0.72	mmol/L
Glu	71	mg/dL
Lac	1.7	mmol/L
Hct	19	%

Derived Parameters

Ca ⁺⁺ (7.4)	0.75	mmol/L
HC03-	23.1	mmol/L
HC03std	25.1	mmol/L
TCO ₂	24.0	mmol/L
BEecf	0.1	mmol/L
BE(B)	0.1	mmol/L
S02c	99	%
THbc	5.9	g/dL



Instrumentation Laboratory

PATIENT SAMPLE REPORT

Status: ACCEPTED
06/02/2021 03:05:37
Sample Type:
Arterial
Sample No.: 245
Operator:
LAVANYA
Patient:
ID: 022105060063
Name:
MRS . LAKSHMI
Sex: U
Instrument:
Model: GEM 3500
S/N: 19081550

Sv
98.1

Measured (37.0C)

pH	7.55
pCO ₂	23 mmHg
pC ₂	82 mmHg
Na ⁺	132 mmol/L
K ⁺	3.3 mmol/L
Ca ⁺⁺	0.98 mmol/L
Glu	66 mg/dL
Lac	2.4 mmol/L
	22 %

Derived Parameters

Ca ^{++(7.4)}	1.04	mmol/L
HCO ₃ ⁻	20.1	mmol/L
HCO ₃ std	23.5	mmol/L
TCO ₂	20.8	mmol/L
BEecf	-2.3	mmol/L
BE(B)	-1.9	mmol/L
S02c	97	%
THbc	6.8	g/dL



Instrumentation Laboratory

PATIENT SAMPLE REPORT

Status: ACCEPTED

05/05/2021 20:38:46

Sample Type:

A~~l~~erial

Sample No.: 235

Operator:

LAVANYA

Patient:

Name:

LAKSHHMI

Sex: U

Instrument:

Model: GEM 3500

S/N: 19081550

ABG

SV

Informed
one off

Measured (37.0C)

pH	7.52	
pCO2	22	mmHg
pO2	79	mmHg
Na+	124	mmol/L
K+	2.4	mmol/L
Ca++	0.74	mmol/L
Glu	98	mg/dL
Lac	3.0	mmol/L
Hct	21	%

Derived Parameters

Ca++(7.4)	0.78	mmol/L
HCO3-	18.0	mmol/L
HCO3std	21.6	mmol/L
TCO2	18.7	mmol/L
BEecf	-4.9	mmol/L
BE(B)	-4.3	mmol/L
S02c	97	%
THbc	6.5	g/dL



Instrumentation Laboratory

PATIENT SAMPLE REPORT

Status: ACCEPTED
05/05/2021 10:20:01

Sample Type:

Arterial

Sample No.: 226

Operator:

LAVANYA

Patient:

Name:

MRS.C LAKSHMI

Sex: U

Instrument:

Model: GEM 3500

S/N: 19081550

ABG/
SV

Measured (37.0C)

pH	7.52	
pCO2	21	mmHg
pO2	89	mmHg
Na+	120	mmol/L
K+	3.3	mmol/L
Ca++	0.61	mmol/L
Glu	144	mg/dL
Lac	3.1	mmol/L
Hct	24	%

Derived Parameters

Ca++(7.4)	0.61	mmol/L
HCO3-	17.1	mmol/L
HCO3std	21.1	mmol/L
TCO2	17.7	mmol/L
BEecf	-5.8	mmol/L
BE(B)	-4.9	mmol/L
S02c	98	%
THbc	7.4	g/dL

PATIENT SAMPLE REPORT

Status: ACCEPTED
05/05/2021 02:51:52

Sample Type:

Arterial

Sample No.: 214

Operator:

LAVANYA

Patient:

Name:

LAKSHMI

Sex: U

Instrument:

Model: GEM 3500

S/N: 19081550

SV
 $\text{SpO}_2 - 98\%$

Measured (37.03)

pH	7.45	
pCO2	25	mmHg
pO2	110	mmHg
Na+	126	mmol/L
K+	2.7	mmol/L
Ca++	0.86	mmol/L
Glu	130	mg/dL
Lac	2.9	mmol/L
Hct	23	%

Calculated Parameters

Ca++ (7.4)	0.88	mmol/L
HC03-	17.4	mmol/L
HC03std	20.4	mmol/L
TCO2	18.2	mmol/L
BEeoff	-6.6	mmol/L
BE(B)	-5.9	mmol/L
S02c	99	
THbc	7.1	g/dL



Instrumentation Laboratory

PATIENT SAMPLE REPORT

Status: ACCEPTED
04/05/2021 19:08:09

Sample Type:

A₁ arterial

Sample No.: 202

Operator:

LAVANYA

Patient:

ID: LAKSMI

Sex: U

Instrument:

Model: GEM 3500

S/N: 19081550

ABG
SpO₂

Measured (37.0C)

pH	7.51	
pCO ₂	20	mmHg
pO ₂	89	mmHg
Na ⁺	124	mmol/L
K ⁺	2.4	mmol/L
Ca ⁺⁺	0.67	mmol/L
Glu	80	mg/dL
Lac	2.6	mmol/L
Hct	25	%

taj hel 20 meq

Derived Parameters

CaCO ₃ (7.4)	0.70	mmol/L
HC03-	16.0	mmol/L
HC03std	20.3	mmol/L
TCO ₂	16.6	mmol/L
BEecf	-7.0	mmol/L
BE(B)	-6.0	mmol/L
S02c	98	%
THbc	7.8	g/dL

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: C52105310057	Collected On	: 31/05/2021 08:23 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	: 31/05/2021 09:23 AM
		Reported On	: 31/05/2021 11:40 AM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT Test	<u>20.2</u> H	sec	9.9-11.5
Comment: Note: Kindly correlate clinically.			
Mean Normal PT (MNPT)	10.7		9.9-11.5
INR	<u>1.97</u> H		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.
Also refer to 'Methods / Technique used' on the reverse side



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 : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02105310269
 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 : 31/05/2021 08:23 AM
 Referred DR : Dr. Nandish H K
 Received On : 31/05/2021 09:23 AM
 Reported On : 31/05/2021 10:26 AM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	<u>19.50</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>10.44</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>9.06</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>4.2</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	2.3	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	<u>0.83</u> L		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>70</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>93</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro Phenyl Phosphate, AMP buffer	112	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>69</u> H	U/L	12-43

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

Dr. P.R. Rekha
 Dr. Rekha PR MBBS MD Pathology
 Consultant Histopathology 1800-4250-4250
 Director



Mrs. Latra B S, M.Sc., M.Phil
 Consultant Biochemist
 NH Helpline 080-7122 2222
 Certificat No. : M-0087



CIN : L85110KA2000PLC027497

Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M02105300112
 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 : 30/05/2021 04:02 AM
 Referred DR : Dr. Nandish H K
 Received On : 30/05/2021 04:27 AM
 Reported On : 30/05/2021 06:19 AM
 Report Type : Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
MAGNESIUM - Colorimetric - Formazan Dye	1.40 L	mg/dL	1.6-2.3
POTASSIUM, SERUM - Direct ISE - Potentiometric	2.9 L	mmol/L	3.5-5.1

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.



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32105290115	Collected On	: 29/05/2021 02:58 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	: 29/05/2021 04:26 AM
		Reported On	: 29/05/2021 07:16 AM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>8.00</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.60</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>22.6</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	87.1	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.90	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>16.30</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	7.4	Thousand / µL	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	57.3	%	35-66
Lymphocytes	<u>14.7</u> L	%	24-44
Monocytes	<u>24.3</u> H	%	3-6
Eosinophils	<u>3.1</u> H	%	0-3



Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32105290115	Collected On	: 29/05/2021 02:58 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	: 29/05/2021 04:26 AM
		Reported On	: 29/05/2021 07:16 AM
		Report Type	: Provisional

HAEMATOLOGY

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



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Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN: L85110KA2000PLC027497

Page 4 / 5 NH Health City, 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

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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	:	39 Year(s) / Female	Visit Type	:	IP
Sample No	:	M72105280066	Collected On	:	28/05/2021 03:38 PM
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	:	28/05/2021 06:21 PM
			Reported On	:	29/05/2021 11:14 AM
			Report Type	:	Provisional

URINE FOR CULTURE & SENSITIVITY

Microbiology

Method Name : Manual calibrated loop method/ID MALDI TOF MS/ Automated MIC
 Report Status : Final Report
 Incub Period : 24 hrs 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

NH Health City, 2nd Floor, Thomasandra Industrial Area
 Hosur Road, Bangalore - 560042 Fax: 080 2783 2648
 MBBSc, MD: Consultant Dr. Mahima Pradhyumn
 CIN: U85110KA2000PLC027497, Web: narayanahealth.org



Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: blood
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M72105260042	Collected On	: 26/05/2021 12:12 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	: 26/05/2021 01:16 PM
		Reported On	: 28/05/2021 01:17 PM
		Report Type	: Final

BLOOD FOR C/S

Microbiology

Method Name : Automated Reflectance/ID-MALDI TOF MS/ Automated MIC

Report Status : Preliminary 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..

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



Narayana Hrudayalaya Limited

Dharmashala Road, Bangalore 560034, India
Hosur Road, Bangalore 560009, India
Associate Consultant MD: Dr. Prasad Gopal
CIN: U84300KA1997PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M72105260043
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
Specimen : CVP LINE TIP
Visit Type : IP
Collected On : 26/05/2021 12:12 PM
Referred DR : Dr. Nandish H K
Received On : 26/05/2021 01:16 PM
Reported On : 28/05/2021 01:17 PM
Report Type : Final

CVP TIP FOR CULTURE & SENSITIVITY

Microbiology

 **Report Status** : Final Report
Incub Period : 48 hrs of incubation

Culture

Culture : 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.



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 Hosur Road, Bangalore - 560047 | Associate Doctorate MD | Fax: 080 2783 2648
 CIN : U45110KA2007PLC027497, Web: narayanahealth.org
Microbiology



MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 39 Year(s) / Female
 Sample No : M72105280078
 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 : blood
 Visit Type : IP
 Collected On : 28/05/2021 05:45 PM
 Referred DR : Dr. Nandish H K
 Received On : 28/05/2021 06:30 PM
 Reported On : 31/05/2021 02:37 PM
 Report Type : Final

BLOOD FOR C/S

Microbiology

Method Name : Automated Reflectance/ID-MALDI TOF MS/ Automated MIC
 Report Status : Final 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.
 Also refer to 'Methods / Technique used' on the reverse.



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M72105280078
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India

Department : MEDICAL GASTROENTEROLOGY
Specimen : blood
Visit Type : IP
Collected On : 28/05/2021 05:45 PM
Referred DR : Dr. Nandish H K
Received On : 28/05/2021 06:30 PM
Reported On : 31/05/2021 02:37 PM
Report Type : Final

BLOOD FOR C/S

Microbiology

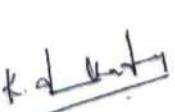
Method Name : Automated Reflectance/ID-MALDI TOF MS/ Automated MIC
Report Status : Final Report
Incub Period : 48 hrs of incubation

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 --



Dr. Mallika Reddy K
MBBS, MD Consultant

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M32105280245	Collected On	: 28/05/2021 03:38 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	: 28/05/2021 06:21 PM
		Reported On	: 28/05/2021 11:59 PM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>4.60</u> P	g/dL	12.0-15.0
Comment: Kindly correlate Clinically			
RED BLOOD CELL COUNT - Electrical Impedance	<u>1.42</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>12.5</u> P	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	88.1	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	<u>32.20</u> H	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>36.60</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>30</u> L	Thousand / µL	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	4.2	Thousand / µL	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	53.0	%	35-66
Lymphocytes	<u>23.9</u> L	%	24-44
Monocytes	<u>19.8</u> H	%	3-6
Eosinophils	2.4	%	0-3

Report relates to sample tested with clinical correlation



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M02105280371
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 : 28/05/2021 03:38 PM
Referred DR : Dr. Nandish H K
Received On : 28/05/2021 06:21 PM
Reported On : 28/05/2021 06:58 PM
Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
BILIRUBIN TOTAL - Colorimetric -Diazo Method	16.24 H	mg/dL	0.2-1.3
RENAL PACKAGE - 2 (RFT RANDOM)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	22.3	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	0.39 L	mg/dl	0.52-1.04
eGFR - Calculated	182.96	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.
Report relates to sample collected with clinical history			
BLOOD UREA NITROGEN (BUN) - Endpoint/Colorimetric - Urease	16	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	132 L	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	3.3 L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	103	mmol/L	98-107



Dr. Iyshwarya U MBBS , MD
Associate Consultant - Biochemistry



Narayana Health
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	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02105280371	Collected On	: 28/05/2021 03:38 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	: 28/05/2021 06:21 PM
		Reported On	: 28/05/2021 06:58 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
CALCIUM - Colorimetric - Arsenazo Method	7.8 L	mg/dL	9.0-10.10
MAGNESIUM - Colorimetric - Formazan Dye	1.70	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase,Peroxidase	1.4 L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	3.50	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	92	mg/dL	70-140 ADA Standards 2020

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



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : M32105280245
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 : 28/05/2021 03:38 PM
Referred DR : Dr. Nandish H K
Received On : 28/05/2021 06:21 PM
Reported On : 28/05/2021 11:59 PM
Report Type : Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	0.9	%	0-1

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.



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M12105280138	Collected On	: 28/05/2021 03:38 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	: 28/05/2021 06:21 PM
		Reported On	: 28/05/2021 08:37 PM
		Report Type	: Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
PROCALCITONIN (PCT) - Enzyme linked fluorescent assay	0.84	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.



Dr Annie Rafeena Saez MD
Microbiology Associate Consultant



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	:
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	:	Collected On	: 28/05/2021 03:38 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	: 28/05/2021 06:21 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.



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: GENERAL ADMINISTRATION
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: OP
Sample No	: M12104270092	Collected On	: 27/04/2021 12:11 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	: 27/04/2021 01:23 PM
		Reported On	: 03/05/2021 11:42 AM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
LEPTOSPIRA (IGM) ANTIBODY - ELISA	Positive		Negative

Interpretations:

Screening test for leptospiral antibodies acceptable alternative to genus specific complement fixation (CF) and slide agglutination. Leptospiral antibodies Ig M are present in the sera in first 5 to 10 days of disease onset. Rising levels of specific antibody in paired sera can be regarded as serological evidence of recent infection, the failure to demonstrate at least a rise or a fall in specific Ig M antibody units in consecutively collected serum samples may exclude a recent infection. Sera demonstrating a positive result should be confirmed with MAT.

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

Kindly correlate with clinical findings.



Page 2 / 8

Dr. Prasadini Guru Associate
Consultant MD Microbiology



Narayana Hrudayalaya Limited

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CIN : U85110KA2000PLC027497, Web: narayanahealth.org

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: GENERAL ADMINISTRATION
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: OP
Sample No	: M12104270092	Collected On	: 27/04/2021 12:11 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	: 27/04/2021 01:23 PM
		Reported On	: 03/05/2021 11:42 AM
		Report Type	: Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
HEPATITIS E VIRUS IGM - ELFA	0.16		Negative: < 1.00 Positive: >= 1.00

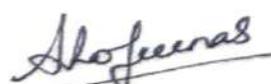
Interpretations: Anti-HEV IgM is an indirect marker of exposure to HEV (Hepatitis E Virus), reflecting the host response to the intrahepatic presence of HEV. Anti-HEV IgM appears during the acute phase of the illness. It can be detected as early as 4 days after the jaundice appears and can remain for up to 5 months. The detection of IgM antibody is therefore appropriate for aiding diagnosis of HEV infection.

Limitations: Anti-HEV IgM can be undetectable during the early phases of infection (viremic) and in certain immunocompromised patients.

ANTI-HAV IGM - Enzyme linked fluorescent assay	6.70	TV	Positive : > 0.5 Negative: < 0.4 Equivocal: 0.4-0.5
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Interpretations:
Detection of anti-HAV IgM aids in the diagnosis of acute Hepatitis A Virus

Limitations:
This test is not sufficient to validate post-vaccine immunity.



Dr Annie Rofeena Sinazer MD
Microbiology Associate Consultant

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: GENERAL ADMINISTRATION
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: OP
Sample No	: M12104270092	Collected On	: 27/04/2021 12:11 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	: 27/04/2021 01:23 PM
		Reported On	: 03/05/2021 11:42 AM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
LEPTOSPIRA (IGM) ANTIBODY - ELISA	Positive		Negative

Interpretations:

Screening test for leptospiral antibodies acceptable alternative to genus specific complement fixation (CF) and slide agglutination. Leptospiral antibodies Ig M are present in the sera in first 5 to 10 days of disease onset. Rising levels of specific antibody in paired sera can be regarded as serological evidence of recent infection, the failure to demonstrate at least a rise or a fall in specific Ig M antibody units in consecutively collected serum samples may exclude a recent infection. Sera demonstrating a positive result should be confirmed with MAT.

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: GENERAL ADMINISTRATION
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: OP
Sample No	: M12104270092	Collected On	: 27/04/2021 12:11 PM
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	: 27/04/2021 01:23 PM
		Reported On	: 27/04/2021 02:42 PM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
SEROLOGY PROFILE			
HBSAG (HEPATITS B SURFACE ANTIGEN) - CHEMILUMINESCENCE - Chemiluminescence	Non Reactive(0.24)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0
HIV - CHEMILUMINESCENCE	Non Reactive(0.14)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0

Interpretations:

- The results of the HIV Combo test, in conjunction with other serological evidence and clinical information, may be used as an aid in the diagnosis of infection with HIV-1 and/or HIV-2 in persons at high and low risk for HIV infection.
- HBsAg is the first marker to appear following infection, and is the best indirect indicator of potentially infectious sera.
- HBV infection produces an array of unique antigens and antibodies which follow distinct and individual serological patterns. By monitoring these markers, it is possible not only to diagnose infection, but also to determine the stage of the disease and probable prognosis

Limitations:

This is only a screening test. A reactive sample should be confirmed by PCR methods

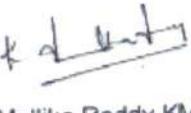
This report is strictly confidential and is intended for the named patient only.



Dr Annie Rofeena Sinazer
MD Microbiology Associate



Dr. Prasadini Guru Associate
Consultant MD Microbiology



Dr. Mallika Reddy KMBBS, MD
Consultant

These tests are auto-approved

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: GENERAL ADMINISTRATION
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: OP
Sample No	: M12104270092	Collected On	: 27/04/2021 12:11 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	: 27/04/2021 01:23 PM
		Reported On	: 27/04/2021 02:42 PM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
HCV (ANTI HCV ANTIBODY) - CHEMILUMINESCENCE - Chemiluminescence	Non Reactive(0.02)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0

S:\NHC\Lab\110421\1104210001277899


 Dr Annie Rofeena Sinazer
 MD Microbiology Associate


 Dr. Prasadini Guru Associate
 Consultant MD Microbiology


 Dr. Mallika Reddy KMBBS, MD
 Consultant

These tests are auto-approved

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: GENERAL ADMINISTRATION
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: OP
Sample No	: M12104270092	Collected On	: 27/04/2021 12:11 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	: 27/04/2021 01:23 PM
		Reported On	: 03/05/2021 11:42 AM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
LEPTOSPIRA (IGM) ANTIBODY - ELISA	Positive		Negative

Interpretations:

Screening test for leptospiral antibodies acceptable alternative to genus specific complement fixation (CF) and slide agglutination. Leptospiral antibodies Ig M are present in the sera in first 5 to 10 days of disease onset. Rising levels of specific antibody in paired sera can be regarded as serological evidence of recent infection, the failure to demonstrate at least a rise or a fall in specific Ig M antibody units in consecutively collected serum samples may exclude a recent infection. Sera demonstrating a positive result should be confirmed with MAT.

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

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


Dr. Prasadini Guru Associate
Consultant MD Microbiology



Truenat™ COVID 19

Center	Narayana Hrudayalaya	Operator	NarayanaHrudayalaya	Bay	2
Profile	COVID 19	Date	Tue 04 May 2021 01:35		
Lot	CD0056	Expiry Date	02-23	Sample	Nasal Swab
Patient Details					
Name	Mrs C Lakshmi	S-888	ID	10020000012778	
Age	43	Gender	Female	Referred By	Dr Mallika Reddy
Result			Negative		
Control	20.4	E gene	ND	Orf1A	ND
Run Status			Valid		
E gene			NOT DETECTED		
Orf1A			NOT DETECTED		

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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M12104270092
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India

Department : GENERAL ADMINISTRATION
Specimen : SERUM
Visit Type : OP
Collected On : 27/04/2021 12:11 PM
Referred DR : Dr. Nandish H K
Received On : 27/04/2021 01:23 PM
Reported On : 03/05/2021 11:42 AM
Report Type : Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
ANTI-HAV IGM - Enzyme linked fluorescent assay	6.70	TV	Positive : > 0.5 Negative: < 0.4 Equivocal: 0.4-0.5

Interpretations:

Detection of anti-HAV IgM aids in the diagnosis of acute Hepatitis A Virus

Limitations:

This test is not sufficient to validate post-vaccine immunity.

HEPATITIS E VIRUS IGM - ELFA	0.16	Negative: < 1.00 Positive: >= 1.00
------------------------------	------	---------------------------------------

Interpretations: Anti-HEV IgM is an indirect marker of exposure to HEV (Hepatitis E Virus), reflecting the host response to the intrahepatic presence of HEV. Anti-HEV IgM appears during the acute phase of the illness. It can be detected as early as 4 days after the jaundice appears and can remain for up to 5 months. The detection of IgM antibody is therefore appropriate for aiding diagnosis of HEV infection.

Limitations: Anti-HEV IgM can be undetectable during the early phases of infection (viremic) and in certain immunocompromised patients.

Report relates to sample tested. Kindly correct any errors if any.
Also refer to 'Methods / Technique' on the reverse side.



Page 1 / 1

Annie Rofeena

Dr Annie Rofeena Sinazer MD
Microbiology Associate 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 : M12104270092
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : GENERAL ADMINISTRATION
 Specimen : SERUM
 Visit Type : OP
 Collected On : 27/04/2021 12:11 PM
 Referred DR : Dr. Nandish H K
 Received On : 27/04/2021 01:23 PM
 Reported On : 03/05/2021 11:42 AM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
LEPTOSPIRA (IGM) ANTIBODY - ELISA	Positive		Negative

Interpretations:

Screening test for leptospiral antibodies acceptable alternative to genus specific complement fixation (CF) and slide agglutination. Leptospiral antibodies Ig M are present in the sera in first 5 to 10 days of disease onset. Rising levels of specific antibody in paired sera can be regarded as serological evidence of recent infection, the failure to demonstrate at least a rise or a fall in specific Ig M antibody units in consecutively collected serum samples may exclude a recent infection. Sera demonstrating a positive result should be confirmed with MAT.

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



Dr. Prasadini Guru
 Associate Consultant MD Microbiology
 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	: GENERAL ADMINISTRATION
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: OP
Sample No	: M12104270092	Collected On	: 27/04/2021 12:11 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	: 27/04/2021 01:23 PM
		Reported On	: 27/04/2021 02:35 PM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
EREOLOGY PROFILE			
HBSAG (HEPATITS B SURFACE ANTIGEN) - CHEMILUMINESCENCE - Chemiluminescence	Non Reactive(0.24)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0
HCV (ANTI HCV ANTIBODY) - CHEMILUMINESCENCE - Chemiluminescence	Non Reactive(0.02)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0
HIV - CHEMILUMINESCENCE	Non Reactive(0.14)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0

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

Dr Anjali Rofeena Sinazer
MD Microbiology Associate

These tests are auto-approved



Dr. Mallika Reddy KMBBS, MD
Consultant

Narayana Hrudayalaya Limited
Page 3/8
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	Department	:	GENERAL ADMINISTRATION
Name	:	Mrs C Lakshmi	Specimen	:	
Age / Sex	:	43 Year(s) / Female	Visit Type	:	OP
Sample No	:		Collected On	:	27/04/2021 12:11 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	:	27/04/2021 01:23 PM
			Reported On	:	
			Report Type	:	

Interpretations:

- The results of the HIV Combo test, in conjunction with other serological evidence and clinical information, may be used as an aid in the diagnosis of infection with HIV-1 and/or HIV-2 in persons at high and low risk for HIV infection.
- HBsAg is the first marker to appear following infection, and is the best indirect indicator of potentially infectious sera.
- HBV infection produces an array of unique antigens and antibodies which follow distinct and individual serological patterns. By monitoring these markers, it is possible not only to diagnose infection, but also to determine the stage of the disease and probable prognosis

Limitations:

This is only a screening test. A reactive sample should be confirmed by PCR methods

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



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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 : CS2104270071
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : GENERAL ADMINISTRATION
 Specimen : PLASMA
 Visit Type : OP
 Collected On : 27/04/2021 12:11 PM
 Referred DR : Dr. Nandish H K
 Received On : 27/04/2021 01:23 PM
 Reported On : 27/04/2021 02:11 PM
 Report Type : Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	22.6 H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	2.18 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 —

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



Page 7 / 7

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



Narayana Health 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 : M02104270280
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : GENERAL ADMINISTRATION
 Specimen : SERUM
 Visit Type : OP
 Collected On : 27/04/2021 12:11 PM
 Referred DR : Dr. Nandish H K
 Received On : 27/04/2021 01:23 PM
 Reported On : 27/04/2021 02:39 PM
 Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	15.10 H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	6.41 H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	8.69 H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	5.9 L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	2.4 L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	3.5	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	0.69 L		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	496 H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	317 H	U/L	<35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro Phenyl Phosphate, AMP buffer	130 H	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	128 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
 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

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



Page 1 / 7



Narayana Health City 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 : M02104270280
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agharam Krishnagiri Hosur
Tamil Nadu, India

Department : GENERAL ADMINISTRATION
Specimen : SERUM
Visit Type : OP
Collected On : 27/04/2021 12:11 PM
Referred DR : Dr. Nandish H K
Received On : 27/04/2021 01:23 PM
Reported On : 27/04/2021 02:39 PM
Report Type : Final

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 1 (KFT RANDOM)			
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.45</u> L	mg/dl	0.52-1.04
eGFR - Calculated	152.07	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	8	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	<u>128</u> L	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>3.1</u> L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	<u>96</u> L	mmol/L	98-107
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP carboxylase	24.0	mmol/L	22-30
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	98	mg/dL	70-140 ADA Standards 2020

Report related to sample tested. Kindly contact Dr. Rekha PR MBBS MD Pathology Consultant Histopathology and Lab Director

Dr. P.R. Rekha

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



Page 2 / 7

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



Narayana Hrudayalaya Limited

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CIN : U85110KA2000PLC027497, Web: narayanahealth.org

DEPARTMENT OF LABORATORY MEDICINE.

MRN.	: 10020001277899	Department	: GENERAL ADMINISTRATION
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age/ Sex	: 43 Year(s) / Female	Visit Type	: OP
Sample No	: M32104270230	Collected On	: 27/04/2021 12:11 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	: 27/04/2021 01:23 PM
		Reported On	: 27/04/2021 03:14 PM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>10.90</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>3.58</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>30.4</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	84.9	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.40	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.80</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>125</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	7.0	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	62.7	%	35-66
Lymphocytes	<u>17.9</u> L	%	24-44
Monocytes	<u>8.2</u> H	%	3-6
Eosinophils	<u>10.4</u> H	%	0-3
Basophils	0.8	%	0-1

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



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


Page 3 / 7



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: GENERAL ADMINISTRATION
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: OP
Sample No	: M12104270092	Collected On	: 27/04/2021 12:11 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	: 27/04/2021 01:23 PM
		Reported On	: 27/04/2021 06:08 PM
		Report Type	: Final

SEROLOGY

Test	Result	Unit	Biological Reference Interval
HEPATITIS E VIRUS IGM - ELFA	0.16		Negative: <1.00 Positive: >= 1.00

Interpretations: Anti-HEV IgM is an indirect marker of exposure to HEV (Hepatitis E Virus), reflecting the host response to the intrahepatic presence of HEV. Anti-HEV IgM appears during the acute phase of the illness. It can be detected as early as 4 days after the jaundice appears and can remain for up to 5 months. The detection of IgM antibody is therefore appropriate for aiding diagnosis of HEV infection.

Limitations: Anti-HEV IgM can be undetectable during the early phases of infection (viremic) and in certain immunocompromised patients.

ANTI-HAV IGM - Enzyme linked fluorescent assay	6.70	TV	Positive : > 0.5 Negative: < 0.4 Equivocal: 0.4-0.5
--	------	----	---

Interpretations:

Detection of anti-HAV IgM aids in the diagnosis of acute Hepatitis A Virus

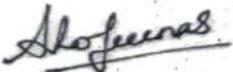
Limitations:

This test is not sufficient to validate post-vaccine immunity.

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



Page 4 / 7


Dr Annie Rofeena Sinazer MD
Microbiology Associate Consultant



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
 Name : Mrs C Lakshmi
 Age / Sex : 43 Year(s) / Female
 Sample No : M12104270092
 Consulting DR : Dr. Nandish H K
 Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : GENERAL ADMINISTRATION
 Specimen : SERUM
 Visit Type : OP
 Collected On : 27/04/2021 12:11 PM
 Referred DR : Dr. Nandish H K
 Received On : 27/04/2021 01:23 PM
 Reported On : 27/04/2021 02:42 PM
 Report Type : Final

Test	Result	Unit	Biological Reference Interval
SEROLOGY PROFILE			
HBSAG (HEPATITS B SURFACE ANTIGEN) - CHEMILUMINESCENCE - Chemiluminescence	Non Reactive(0.24)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0
HIV - CHEMILUMINESCENCE	Non Reactive(0.14)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0

Interpretations:

- The results of the HIV Combo test, in conjunction with other serological evidence and clinical information, may be used as an aid in the diagnosis of infection with HIV-1 and/or HIV-2 in persons at high and low risk for HIV infection.
- HBsAg is the first marker to appear following infection, and is the best indirect indicator of potentially infectious sera.
- HBV infection produces an array of unique antigens and antibodies which follow distinct and individual serological patterns. By monitoring these markers, it is possible not only to diagnose infection, but also to determine the stage of the disease and probable prognosis

Limitations:

This is only a screening test. A reactive sample should be confirmed by PCR methods

Report dates _____
 Report times _____
 Dr sample tested. Kindly correlate with clinical findings.
 Kindly correlate with clinical findings.

Dr Annie Rofeena Sinazer
 MD Microbiology Associate

These tests are auto-approved

Dr. Prasadini Guru Associate
 Consultant MD Microbiology

Dr. Mallika Reddy KMBBS, MD
 Consultant



Page 5 / 7



DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M12104270092
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : GENERAL ADMINISTRATION
Specimen : SERUM
Visit Type : OP
Collected On : 27/04/2021 12:11 PM
Referred DR : Dr. Nandish H K
Received On : 27/04/2021 01:23 PM
Reported On : 27/04/2021 02:42 PM
Report Type : Final

Test	Result	Unit	Biological Reference Interval
HCV (ANTI HCV ANTIBODY) - CHEMILUMINESCENCE - Chemiluminescence	Non Reactive(0.02)		Non Reactive: < 0.9 Reactive: > 1.0 Borderline: 0.9-1.0

Sample tested. Kindly correlate with clinical findings.
Sample tested. Kindly correlate with clinical findings.


Dr. Annie Rofeena Sinazer
MD Microbiology Associate


Dr. Prasadini Guru Associate
Consultant MD Microbiology


Dr. Mallika Reddy KMBBS, MD
Consultant

Report released on 27/04/2021
These tests are auto-approved



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DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: GENERAL ADMINISTRATION
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 43 Year(s) / Female	Visit Type	: OP
Sample No	: M32104270230	Collected On	: 27/04/2021 12:11 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	: 27/04/2021 01:23 PM
		Reported On	: 27/04/2021 03:14 PM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>10.90</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>3.58</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>30.4</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	84.9	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.40	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.80</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>125</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	7.0	Thousand / μ L	4.0-10.0

DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy

Neutrophils	62.7	%	35-66
	<u>17.9</u> L	%	24-44
	<u>8.2</u> H	%	3-6
	<u>10.4</u> H	%	0-3
Eosinophils	0.8	%	0-1



Shalini

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



080-7122 2222

Certificate No.: M-0087

Narayana Hrudayalaya Limited

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DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: GENERAL ADMINISTRATION
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: OP
Sample No	: M02104270280	Collected On	: 27/04/2021 12:11 PM
Consulting DR	: Dr. Nandish H K	Referred DR	: Dr. Nandish H K
Patient Address	: 196A1, N.B Agraharam Krishnagiri Hosur Tamil Nadu, India	Received On	: 27/04/2021 01:23 PM
		Reported On	: 27/04/2021 02:39 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric - Diazo Method	<u>15.10</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>6.41</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>8.69</u> H	mg/dL	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>5.9</u> L	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	<u>2.4</u> L	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	3.5	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	<u>0.69</u> L		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>496</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>317</u> H	U/L	< 35
KALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro phenyl Phosphate, AMP buffer	<u>130</u> H	U/L	38-126
GRANMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - γ -glutamyl-p-nitroanilide (Stasz Method)	<u>128</u> H	U/L	12-43

RENAL PACKAGE - 1 (KFT RANDOM)

SERUM CREATININE

Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.45</u> L	mg dl	0.52-1.04
--	---------------	-------	-----------

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



P.R Rekha

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



Certificate No. 16-0007

Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M02104270280
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
Tamil Nadu, India

Department : GENERAL ADMINISTRATION
Specimen : SERUM
Visit Type : OP
Collected On : 27/04/2021 12:11 PM
Referred DR : Dr. Nandish H K
Received On : 27/04/2021 01:23 PM
Reported On : 27/04/2021 02:39 PM
Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
eGFR - Calculated	152.07	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	8	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	128 L	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	3.1 L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	96 L	mmol/L	98-107
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxykinase	24.0	mmol/L	22-30
RASTOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase/ Peroxidase	98	mg/dL	70-140 ADA Standards 2020

Report relates to sample tested. Kindly refer to 'Methods / Technique used' or 'Reagents used'. Kindly refer to 'Methods / Technique used'

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 : C52104270071
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraham Krishnagiri Hosur
Tamil Nadu, India

Department : GENERAL ADMINISTRATION
Specimen : PLASMA
Visit Type : OP
Collected On : 27/04/2021 12:11 PM
Referred DR : Dr. Nandish H K
Received On : 27/04/2021 01:23 PM
Reported On : 27/04/2021 02:11 PM
Report Type : Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME)			
PT	<u>22.6</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>2.18</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 --

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

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

Patient Name	C Lakshmi	Requested By	Dr. Nandish H K
MRN	10020001277899	Procedure DateTime	28-04-2021 12:55
Age/Sex	43Y/Female	Hospital	NH-Health City

CT - ABDOMEN AND PELVIS (CONTRAST)

CLINICAL DETAILS: Jaundice since 4 weeks. Unintentional weight loss and disturbed sleep.

TECHNIQUE: Axial sections were obtained from the diaphragm down to the symphysis pubis with oral contrast, and these were repeated with intravenous contrast. Images were obtained in arterial, portal and delayed phases. Sagittal and coronal reformats were obtained.

FINDINGS:

Liver shows decreased parenchymal attenuation/mild diffuse fatty infiltration (mean HU 40) and is mildly enlarged in size measuring (16.2cm).

Periportal edema noted. Gallbladder wall appears mildly edematous.

There is diffuse illdefined area of mesenteric haziness anterior to infrarenal abdominal aorta and common iliac vessels could be due to ascites.

Few prominent paraaortic, paracaval and aortocaval lymph nodes noted, largest one measuring 12x8mm in the paraaortic region.

Liver is normal sized and shows no area of altered attenuation or abnormal enhancement. There is no intra/extra hepatic biliary dilatation. The common bile duct and the ampulla of Vater appear normal sized.

The pancreas shows a normal size, configuration and tissue density. No significant ductal dilatation / calcification is seen.

The spleen is normal in size and parenchymal attenuation. The portal vein and superior mesenteric vessels appear normal with no suggestion of filling defect within.

The gastro-oesophageal junction is normal. No bowel wall thickening/dilatation is seen. The appendix is within normal limits.

The suprarenal glands show normal size and configuration of their limbs.

Both kidneys are normal sized, with homogeneous cortical density. No calculus or hydroureteronephrosis is seen. On administration of IV contrast, both kidneys show normal cortical enhancement. The urinary bladder shows a smooth contour. No intravesical mass or calculus is seen.

The uterus and ovaries are normal sized.

The aorta and inferior vena cava are normal.



Mild ascites.

Minimal degenerative changes of the spine are noted. The lung bases are clear.

IMPRESSION:

- Hepatomegaly with diffuse fatty infiltration.
- Mildly edematous gallbladder wall and mild periportal edema, of concern for acute hepatitis.
- Few prominent retroperitoneal lymph nodes.
- Mild ascites.

Suggested clinical correlation.


Dr. Karthik.G.A, MDRD
Senior Consultant Radiologist
Lead in body imaging

* This is a digitally signed valid document. Reported Date/Time: 28-04-2021 14:38

This report has been generated from **NH Teleradiology 24/7**, a service of Narayana Health

-- End of Report --

Page 2 of 2



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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 : 39 Year(s) / Female
Sample No : M02105290153
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 : 29/05/2021 02:58 AM
Referred DR : Dr. Nandish H K
Received On : 29/05/2021 04:26 AM
Reported On : 29/05/2021 06:04 AM
Report Type : Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
MAGNESIUM - Colorimetric - Formazan Dye	<u>1.40</u> L	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase, Peroxidase	<u>1.4</u> L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	3.40	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	<u>66</u> L	mg/dL	70-140 ADA Standards 2020



NH Helpline
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Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02105290153	Collected On	: 29/05/2021 02:58 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	: 29/05/2021 04:26 AM
		Reported On	: 29/05/2021 06:04 AM
		Report Type	: Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT RANDOM)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	23.0	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.35</u> L	mg/dl	0.52-1.04
eGFR - Calculated	207.3	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	13	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	<u>135</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	105	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	<u>8.1</u> L	mg/dL	9.0-10.10



Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: PLASMA
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: C52105290028	Collected On	: 29/05/2021 02:58 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	: 29/05/2021 04:26 AM
		Reported On	: 29/05/2021 07:16 AM
		Report Type	: Provisional

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT Test	<u>20.0</u> H	sec	9.9-11.5
Mean Normal PT (MNPT)	10.7		9.9-11.5
INR	<u>1.95</u> H		0.9-1.06
APTT (ACTIVATED PARTIAL THROMBOPLASTIN TIME) Optical - clot detection			
APTT Test	<u>41.3</u> H	sec	22.4-30.1
Mean Normal APTT (MNAPTT)	24.6	sec	20.9-28.3
APTT ratio	<u>1.57</u> H	sec	0.8-1.1

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

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN: L85110KA2000PLC027497

Page 5 / 5 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

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02105290153	Collected On	: 29/05/2021 02:58 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	: 29/05/2021 04:26 AM
		Reported On	: 29/05/2021 06:37 AM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
MAGNESIUM - Colorimetric - Formazan Dye	<u>1.40</u> L	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase, Peroxidase	<u>1.4</u> L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	3.40	mg/dL	2.5-4.5
RANDOM BLOOD SUGAR (RBS) - Colorimetric - Glucose Oxidase peroxidase	<u>66</u> L	mg/dL	70-140 ADA Standards 2020

Dr. P.R.Rekha.

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



Mrs. Latha B S. M.Sc., M.Phil
Consultant Biochemist
Narayana Hrudayalaya Limited



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 39 Year(s) / Female	Visit Type	: IP
Sample No	: M02105290153	Collected On	: 29/05/2021 02:58 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	: 29/05/2021 04:26 AM
		Reported On	: 29/05/2021 06:37 AM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT RANDOM)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	23.0	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.35</u> L	mg/dl	0.52-1.04
eGFR - Calculated	207.3	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	13	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	<u>135</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	105	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	<u>8.1</u> L	mg/dL	9.0-10.10

Dr. P.R. Rekha

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

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



Narayana Hrudayalaya Limited

DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 39 Year(s) / Female
Sample No : C52105290028
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 : 29/05/2021 02:58 AM
Referred DR : Dr. Nandish H K
Received On : 29/05/2021 04:26 AM
Reported On : 29/05/2021 06:04 AM
Report Type : Provisional

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT Test	<u>20.0</u> H	sec	9.9-11.5
Mean Normal PT (MNPT)	10.7		9.9-11.5
INR	<u>1.95</u> H		0.9-1.06
APTT (ACTIVATED PARTIAL THROMBOPLASTIN TIME) Optical - clot detection			
APTT Test	<u>41.3</u> H	sec	22.4-30.1
Mean Normal APTT (MNAPTT)	24.6	sec	20.9-28.3
APTT ratio	<u>1.57</u> H	sec	0.8-1.1

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

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN: L85110KA2000PLC027497

Page 3 / 3 **NH Health City**, 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

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



DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277890
Name	: Mrs C Lakshmi
Age / Sex	: 43 Year(s) / Female
Sample No	: M32105240187
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	: 24/05/2021 10:49 AM
Referred DR	: Dr. Nandish H K
Received On	: 24/05/2021 12:26 PM
Reported On	: 24/05/2021 06:47 PM
Report Type	: Final

HAEMATOLOGY

PERIPHERAL SMEAR EXAMINATION

RBCs	Normocytic hypochromic cells, macroovalocytes target cells noted.
W.B.Cs	Normal in number and distribution. neutrophils shows mild left shift.
Platelets	Reduced on smear (approx 30,000)
Haemoparasites	Nil
Abnormal Cells	Nil
Impression	Dimorphic anaemia with thrombocytopenia.

Comment: Note suggest B 12/ Folate assay.

-- End of Report --

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 : 39 Year(s) / Female
 Sample No : CS2105280082
 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 : 28/05/2021 03:38 PM
 Referred DR : Dr. Nandish H K
 Received On : 28/05/2021 06:21 PM
 Reported On : 29/05/2021 12:03 AM
 Report Type : Provisional

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT Test			
PT Test	20.1 H	sec	9.9-11.5
Comment: Test repeated with fresh sample received at 23:50 on 28/05/2021			
Mean Normal PT (MNPT)	10.7		9.9-11.5
INR	1.96 H		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.





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	: M02105260109	Collected On	: 26/05/2021 02:20 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	: 26/05/2021 04:20 AM
		Reported On	: 26/05/2021 06:00 AM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
eGFR - Calculated	286.4	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	136 L	mmol/L	137-145
KOTASSIUM, SERUM - Direct ISE - Potentiometric	3.2 L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	106	mmol/L	98-107
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP carboxylase	23.0	mmol/L	22-30
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose oxidase peroxidase	76	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



1800-4250-4250

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



NH helpline
080-7122 2222



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	: 26/05/2021 02:20 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	: 26/05/2021 04:20 AM
		Reported On	:
		Report Type	:

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.



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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	: WHOLE BLOOD
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M32105260096	Collected On	: 26/05/2021 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	: 26/05/2021 04:37 AM
		Reported On	: 26/05/2021 06:23 AM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
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COMPLETE BLOOD COUNT (CBC)

HAEMOGLOBIN (Hb%) - Photometric Measurement	7.60 L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	2.45 L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	21.4 L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	87.1	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	31.00	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	35.50 H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	17.90 H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	20 L	Thousands / µL	150-450

Comment: Platelet count verified manually.

TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	7.1	Thousands / µL	4.0-10.0
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DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy

Neutrophils	63.9	%	35-66
Lymphocytes	16.4 L	%	24-44
Monocytes	15.9 H	%	3-6
Eosinophils	3.1 H	%	0-3

Report relates to sample tested with clinical findings



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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	: M02105260109	Collected On	: 26/05/2021 02:20 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	: 26/05/2021 04:20 AM
		Reported On	: 26/05/2021 06:00 AM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diaz Method	<u>18.10</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>9.56</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>8.54</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>3.9</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	2.0	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
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>72</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	91	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>79</u> H	U/L	12-43

Kindly correlate with clinical findings

KIDNEY PACKAGE - 1 (KFT FASTING)

SERUM CREATININE

Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.26</u> L	mg/dl	0.52-1.04
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Dr. P.R.Rekha.

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



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



NH Helpline
080-7122 2222



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	: M32105260096	Collected On	: 26/05/2021 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	: 26/05/2021 04:37 AM
		Reported On	: 26/05/2021 06:23 AM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	0.7	%	0-1

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



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CIN : U85110KA2000PLC027497, 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	: C52105260012	Collected On	: 26/05/2021 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	: 26/05/2021 04:37 AM
		Reported On	: 26/05/2021 06:23 AM
		Report Type	: Provisional

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>19.7</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>1.89</u> H		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.



Page 3 / 3



Narayana Hrudayalaya Limited

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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	: M32105250094	Collected On	: 25/05/2021 02:27 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	: 25/05/2021 03:29 AM
		Reported On	: 25/05/2021 05:51 AM
		Report Type	: Provisional

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
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.51</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>22.0</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	87.7	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	30.50	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>34.80</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>17.20</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>20</u> L	Thousand / µL	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	5.8	Thousand / µL	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	<u>67.7</u> H	%	35-66
Lymphocytes	<u>15.2</u> L	%	24-44
Monocytes	<u>13.3</u> H	%	3-6
Eosinophils	<u>3.2</u> H	%	0-3



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	: M32105250094	Collected On	: 25/05/2021 02:27 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	: 25/05/2021 03:29 AM
		Reported On	: 25/05/2021 05:51 AM
		Report Type	: Provisional

HAEMATOLOGY

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

Note:

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

-- End of Report --



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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	: M02105250112	Collected On	: 25/05/2021 02:27 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	: 25/05/2021 03:17 AM
		Reported On	: 25/05/2021 05:06 AM
		Report Type	: Provisional

Test	Result	Unit	Biological Reference Interval
URIC ACID - Colorimetric - Uricase,Peroxidase	111 L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	2.60	mg/dL	2.5-4.5
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	70	mg/dL	Normal: 70-99 Pre-diabetes: 100-125 Diabetes: >= 126 ADA standards 2020



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	: M02105250112	Collected On	: 25/05/2021 02:27 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	: 25/05/2021 03:17 AM
		Reported On	: 25/05/2021 05:06 AM
		Report Type	: Provisional

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT FASTING)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	23.0	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.28</u> L	mg/dL	0.52-1.04
eGFR - Calculated	262.92	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	17	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	<u>135</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	105	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	<u>7.4</u> L	mg/dL	9.0-10.20
MAGNESIUM - Colorimetric - Formazan Dye	1.60	mg/dL	1.6-2.3



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	: C52105250013	Collected On	: 25/05/2021 02:27 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	: 25/05/2021 03:17 AM
		Reported On	: 25/05/2021 05:06 AM
		Report Type	: Provisional

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>20.3</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>1.95</u> H		0.9-1.06

Note:

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

-- End of Report --



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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	: M02105250112	Collected On	: 25/05/2021 02:27 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	: 25/05/2021 03:17 AM
		Reported On	: 25/05/2021 05:06 AM
		Report Type	: Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric -Diaz Method	<u>16.57</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>9.22</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>7.35</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>3.8</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	<u>1.9</u> L	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>80</u> H	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<u>83</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro phenyl Phosphate, AMP buffer	84	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>81</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.



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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	: M32105240114	Collected On	: 24/05/2021 03:03 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	: 24/05/2021 03:35 AM
		Reported On	: 24/05/2021 10:12 AM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	1.1 H	%	0-1
Band Cells	15	%	

Note:

Abnormal results are highlighted.

Results relate to the sample only.

Kindly correlate clinically.

-- End of Report --


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



NH Helpline
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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	: M32105240312	Collected On	: 24/05/2021 06:19 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	: 24/05/2021 08:18 PM
		Reported On	: 24/05/2021 09:43 PM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>7.50</u> L	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	<u>2.42</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>21.1</u> L	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	87.4	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	31.10	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.60</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>17.20</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	6.5	Thousand / µL	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	<u>66.8</u> H	%	35-66
Lymphocytes	<u>16.7</u> L	%	24-44
Monocytes	<u>12.1</u> H	%	3-6
Eosinophils	<u>3.6</u> H	%	0-3



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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 : M32105240312
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Agraharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
Specimen : GASTROENTEROLOGY
Visit Type : WHOLE BLOOD
Collected On : IP
Referred DR : 24/05/2021 06:19 PM
Received On : Dr. Nandish H K
Reported On : 24/05/2021 08:18 PM
Report Type : 24/05/2021 09:43 PM
Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Basophils	0.8	%	0-1

Note:

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

-- End of Report --



NH Helpline
080-7122 2222

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	: M02105240283	Collected On	: 24/05/2021 10:49 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	: 24/05/2021 12:26 PM
		Reported On	: 24/05/2021 02:31 PM
		Report Type	: Final

Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
BILIRUBIN TOTAL - Colorimetric - Diazo Method	<u>17.13</u> H	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	<u>9.76</u> H	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	<u>7.37</u> H	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	<u>3.7</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	<u>1.9</u> L	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
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>77</u> H	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro phenyl Phosphate, AMP buffer	<u>83</u>	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide (Szasz Method)	<u>79</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. P.R. Rekha.

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

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



Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN: L85110KA2000PLC027497

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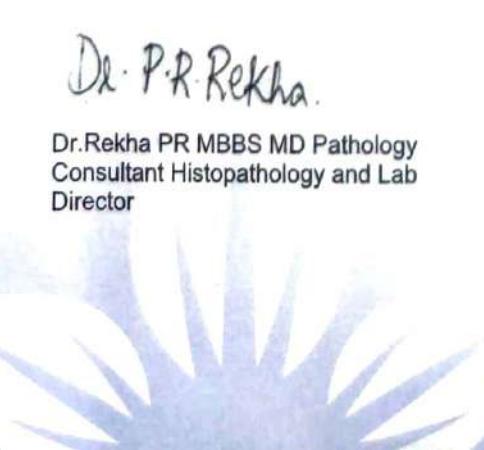
Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: SERUM
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M02105240283	Collected On	: 24/05/2021 10:49 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	: 24/05/2021 12:26 PM
		Reported On	: 24/05/2021 02:31 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LDH TOTAL - Multipoint Rate - Pyruvate to Lactate	497 H	U/L	120-246



Dr. P.R. Rekha.

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



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



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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	: M02105240308	Collected On	: 24/05/2021 11:21 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	: 24/05/2021 12:19 PM
		Reported On	: 24/05/2021 02:50 PM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
VITAMIN B-12 - Enhanced chemiluminescence	>1000 H	pg/mL	239-931



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



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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	: C52105240048	Collected On	: 24/05/2021 10:49 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	: 24/05/2021 12:26 PM
		Reported On	: 24/05/2021 01:22 PM
		Report Type	: Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	<u>23.5</u> H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	<u>2.27</u> H		0.9-1.06
APTT (ACTIVATED PARTIAL THROMBOPLASTIN TIME) Optical - clot detection			
PTT	<u>40.6</u> H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	<u>1.54</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. Shalini K S, DCP, DNBJunior
Consultant Laboratory Haematology



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	: M32105240200	Collected On	: 24/05/2021 11:21 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	: 24/05/2021 12:19 PM
		Reported On	: 24/05/2021 12:47 PM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
HAEMOGLOBIN (Hb%) - Photometric Measurement	5.90 L	g/dL	12.0-15.0

Comment: Kindly correlate Clinically

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

-- End of Report --


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



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	: M02105240151	Collected On	: 24/05/2021 03:04 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	: 24/05/2021 03:33 AM
		Reported On	: 24/05/2021 05:03 AM
		Report Type	: Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT FASTING)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	23.7	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.31</u> L	mg/dl	0.52-1.04
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	16	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	<u>134</u> L	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>3.2</u> L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	105	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	<u>7.6</u> L	mg/dL	9.0-10.20

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	: M02105240151	Collected On	: 24/05/2021 03:04 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	: 24/05/2021 03:33 AM
		Reported On	: 24/05/2021 05:03 AM
		Report Type	: Provisional

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
MAGNESIUM - Colorimetric - Formazan Dye	1.80	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase,Peroxidase	<u>1.0</u> L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	<u>2.40</u> L	mg/dL	2.5-4.5
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	84	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 --



NH Helpline
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	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: WHOLE BLOOD
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M32105240114	Collected On	: 24/05/2021 03:03 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	: 24/05/2021 03:35 AM
		Reported On	: 24/05/2021 10:12 AM
		Report Type	: Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>5.90</u> L	g/dL	12.0-15.0
Comment: Kindly correlate Clinically.			
RED BLOOD CELL COUNT - Electrical Impedance	<u>1.89</u> L	millions/ μ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>16.5</u> P	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	87.3	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	31.40	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.90</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>18.20</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>35</u> L	Thousand / μ L	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	8.2	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	60	%	35-66
Lymphocytes	<u>15</u> L	%	24-44
Monocytes	<u>10</u> H	%	3-6
Eosinophils	1.0	%	0-3

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


Narayana Hrudayalaya Limited
NH Helpline
080-7122 2222

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	:	M72105180029	Collected On	:	18/05/2021 11:31 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	:	18/05/2021 01:14 PM
			Reported On	:	22/05/2021 11:18 AM
			Report Type	:	Final

URINE FOR CULTURE & SENSITIVITY

Microbiology

◆ Method Name : Manual calibrated loop method/ID MALDI TOF MS/ Automated MIC
 Report Status : Final Report
 Colony Count : $>10^5$ CFU/ml
 Incub Period : 48 hrs of incubation

Culture

Pathogen(s) Isolated Colony Count

Candida species

Remarks : KINDLY CLINICALLY CORRELATE.

Note:

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

-- End of Report --



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DEPARTMENT OF LABORATORY MEDICINE

MRN : 10020001277899
Name : Mrs C Lakshmi
Age / Sex : 43 Year(s) / Female
Sample No : M32105240200
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 : 24/05/2021 11:21 AM
Referred DR : Dr. Nandish H K
Received On : 24/05/2021 12:19 PM
Reported On : 24/05/2021 12:47 PM
Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval	
HAEMOGLOBIN (Hb%) - Photometric Measurement	5.90	L	g/dL	12.0-15.0

Comment: Kindly correlate Clinically

Note:

Abnormal results are highlighted.

Results relate to the sample only.

Kindly correlate clinically.

-- End of Report --

To: 100% 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 : C52105240048
 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 : 24/05/2021 10:49 AM
 Referred DR : Dr. Nandish H K
 Received On : 24/05/2021 12:26 PM
 Reported On : 24/05/2021 01:22 PM
 Report Type : Final

COAGULATION

Test	Result	Unit	Biological Reference Interval
PT - INR (PROTHROMBIN TIME) Optical - clot detection			
PT	23.5 H	sec	9.9-11.5
Mean Normal Prothrombin Time (MNPT)	10.7		9.9-11.5
INR	2.27 H		0.9-1.06

APTT (ACTIVATED PARTIAL THROMBOPLASTIN TIME) Optical - clot detection

PTT	40.6 H	sec	22.4-30.1
Control	24.6	sec	20.9-28.3
PTT ratio	1.54 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 --

This report relates to sample tested. Kindly correlate with clinical findings.



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



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DEPARTMENT OF LABORATORY MEDICINE

MRN	: 10020001277899	Department	: MEDICAL GASTROENTEROLOGY
Name	: Mrs C Lakshmi	Specimen	: CVP LINE TIP
Age / Sex	: 43 Year(s) / Female	Visit Type	: IP
Sample No	: M72105180090	Collected On	: 18/05/2021 11:54 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	: 19/05/2021 04:13 AM
		Reported On	: 22/05/2021 01:13 PM
		Report Type	: Final

CVP TIP FOR CULTURE & SENSITIVITY

Microbiology

Report Status : Final Report
 Incub Period : 48 hrs of incubation

Culture

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

Note:

Abnormal results are highlighted.

Results relate to the sample only.

Kindly correlate clinically.

-- End of Report --




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 : M32105240200
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 : 24/05/2021 11:21 AM
Referred DR : Dr. Nandish H K
Received On : 24/05/2021 12:19 PM
Reported On : 24/05/2021 12:47 PM
Report Type : Final

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
HAEMOGLOBIN (Hb%) - Photometric Measurement	5.90 L	g/dL	12.0-15.0

Comment: 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. Deepak M B
MD, PDF (Lab Haematology)
Consultant
(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN: L85110KA2000PLC027497
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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 : M02105240151
Consulting DR : Dr. Nandish H K
Patient Address : 1/96A1, N.B Araharam Krishnagiri Hosur
 Tamil Nadu, India

Department : MEDICAL
GASTROENTEROLOGY
Specimen : SERUM
Visit Type : IP
Collected On : 24/05/2021 03:04 AM
Referred DR : Dr. Nandish H K
Received On : 24/05/2021 03:33 AM
Reported On : 24/05/2021 06:31 AM
Report Type : Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
RENAL PACKAGE - 2 (RFT FASTING)			
SERUM BICARBONATE LEVEL - Enzymatic Endpoint - PEP Carboxylase	23.7	mmol/L	22-30
SERUM CREATININE			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	<u>0.31</u> L	mg/dl	0.52-1.04
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	16	mg/dL	7.0-17.0
SODIUM, SERUM - Direct ISE - Potentiometric	<u>134</u> L	mmol/L	137-145
POTASSIUM, SERUM - Direct ISE - Potentiometric	<u>3.2</u> L	mmol/L	3.5-5.1
CHLORIDE - Direct ISE - Potentiometric	105	mmol/L	98-107
CALCIUM - Colorimetric - Arsenazo Method	<u>7.6</u> L	mg/dL	9.0-10.20

Dr. P.R. Rekha.

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

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



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	: M02105240151	Collected On	: 24/05/2021 03:04 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	: 24/05/2021 03:33 AM
		Reported On	: 24/05/2021 06:31 AM
		Report Type	: Final

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
MAGNESIUM - Colorimetric - Formazan Dye	1.80	mg/dL	1.6-2.3
URIC ACID - Colorimetric - Uricase, Peroxidase	<u>1.0</u> L	mg/dL	2.50-6.20
PHOSPHORUS - Colorimetric - Phosphomolybdate Formation	<u>2.40</u> L	mg/dL	2.5-4.5
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	84	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 --

Dr. P.R Rekha.

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

[Signature]

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



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	: M32105240114	Collected On	: 24/05/2021 03:03 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	: 24/05/2021 03:35 AM
		Reported On	: 24/05/2021 06:15 AM
		Report Type	: Provisional

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb%) - Photometric Measurement	<u>5.90</u> L	g/dL	12.0-15.0
Comment: Kindly correlate Clinically.			
RED BLOOD CELL COUNT - Electrical Impedance	<u>1.89</u> L	millions/ µL	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	<u>16.5</u> P	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	87.3	fL	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	31.40	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	<u>35.90</u> H	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	<u>18.20</u> H	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	<u>35</u> L	Thousand / µL	150-450
Comment: Platelet count verified manually.			
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	8.2	Thousand / µL	4.0-10.0
DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy			
Neutrophils	<u>74.9</u> H	%	35-66
Lymphocytes	<u>15.6</u> L	%	24-44
Monocytes	<u>7.4</u> H	%	3-6
Eosinophils	1.0	%	0-3



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