

ADULT TRANS-THORACIC ECHO REPORT

PATIENT NAME : Ms Sakshi
GENDER/AGE : Female, 32 Years
LOCATION : E-CITY

PATIENT MRN : 3005000008107
PROCEDURE DATE : 17/03/2023 11:43 AM
REQUESTED BY : Dr. Gayathri Meganathan



INDICATIONS : ROUTINE CHECK UP
CLINICAL DIAGNOSIS : NORMAL
VITAL PARAMETERS : HR (BPM) :60, SINUS RHYTHM, BP (MMHG) : -
WINDOW : OPTIMAL

IMPRESSION

- NORMAL CHAMBER DIMENSION
- INTACT SEPTAC
- NORMAL PA PRESSURE
- NO RWMA
- NORMAL LV AND RV FUNCTION
- LVEF-60%

FINDINGS

CHAMBERS

LEFT ATRIUM : NORMAL SIZED
AP DIAMETER(MM): 32

RIGHT ATRIUM : NORMAL SIZED
MINOR AXIS A4CV(MM) : 28

LEFT VENTRICLE : NORMAL SIZE AND THICKNESS WITH NORMAL FUNCTION
LVFP : NORMAL LV FILLING PRESSURE

LVIDD(MM)	: 46	IVSD(MM)	: 12	EDV(ML)	: 91
LVIDS(MM)	: 32	LVPWD(MM)	: 11	ESV(ML)	: 36
E/A RATIO	: 0.9	E/E'(AVERAGE)	:	LVEF(%)	: 60

/0.6

RIGHT VENTRICLE : NORMAL SIZE AND THICKNESS WITH NORMAL FUNCTION
MINOR AXIS A4CV(MM): 26, TAPSE(MM): 19

LVOT/RVOT : NORMAL

RWMA : NO REGIONAL WALL MOTION ABNORMALITIES

VALVES

MITRAL : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION. SUB VALVAR STRUCTURES ARE NORMAL

AORTIC : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION, PG-10MMHG

TRICUSPID : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION. SUB VALVAR STRUCTURES ARE NORMAL, TR-TRIVIAL

PULMONARY : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION, PG-7MMHG

SEPTAE

IAS : INTACT

IVS : INTACT

ARTERIES AND VEINS

AORTA : NORMAL, LEFT AORTIC ARCH
PA : NORMAL SIZE
PA PRESSURE: NORMAL, PASP(MMHG): 20

IVC : NORMAL SIZE & COLLAPSIBILITY, >50%
IVC SIZE(MM): 13

SVC & CS : NORMAL
PULMONARY VEINS : NORMAL

PERICARDIUM : NORMAL PERICARDIAL THICKNESS. NO EFFUSION

INTRACARDIAC MASS : NO TUMOUR, THROMBUS OR VEGETATION SEEN

DR. GAYATHRI MEGANATHAN
VISITING CONSULTANT

AISHWARYA M
JUNIOR SONOGRAPHER

17/03/2023 11:43 AM

PREPARED BY : AISHWARYA M(361423)
GENERATED BY : PRAJWAL KUMAR N B(358021)

PREPARED ON : 17/03/2023 11:47 AM
GENERATED ON : 17/03/2023 08:21 PM

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sakshi MRN : 3005000008107 Gender/Age : FEMALE , 32y (23/02/1991)

Collected On : 17/03/2023 09:29 AM Received On : 17/03/2023 11:25 AM Reported On : 17/03/2023 12:12 PM

Barcode : 032303170143 Specimen : Urine Consultant : Dr. Gayathri Meganathan(OBSTETRICS & GYNAECOLOGY)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9113310180

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Fasting) (Enzyme Method (GOD POD))	Not Present	-

--End of Report--

Hema S

Dr. Hema S
MD, DNB, Pathology
Associate Consultant

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sakshi MRN : 3005000008107 Gender/Age : FEMALE , 32y (23/02/1991)

Collected On : 17/03/2023 09:28 AM Received On : 17/03/2023 11:27 AM Reported On : 17/03/2023 12:16 PM

Barcode : 1B2303170026 Specimen : Whole Blood Consultant : Dr. Gayathri Meganathan(OBSTETRICS & GYNAECOLOGY)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9113310180

NARAYANA HRUDAYALAYA BLOOD CENTRE

Test	Result	Unit
BLOOD GROUP & RH TYPING		
Blood Group (Column Agglutination Technology)	O	-
RH Typing (Column Agglutination Technology)	Positive	-

--End of Report--

Dr. Prathip Kumar B R
MBBS,MD, Immunohaematology & Blood Transfusion
Consultant

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sakshi MRN : 3005000008107 Gender/Age : FEMALE , 32y (23/02/1991)

Collected On : 17/03/2023 09:28 AM Received On : 17/03/2023 11:14 AM Reported On : 17/03/2023 12:05 PM

Barcode : 012303170862 Specimen : Serum Consultant : Dr. Gayathri Meganathan(OBSTETRICS & GYNAECOLOGY)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9113310180

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.63	mg/dL	0.6-1.0
eGFR (Calculated)	109.6	mL/min/1.73m ²	Indicative of renal impairment < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric – Urease)	8	mg/dL	7.0-17.0
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	5.35	mg/dL	2.5-6.2
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	169	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	86	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	53	mg/dL	40.0-60.0
Non-HDL Cholesterol (Calculated)	116.0	mg/dL	Desirable: < 130 Above Desirable: 130-159 Borderline High: 160-189 High: 190-219 Very High: => 220
LDL Cholesterol (Colorimetric)	99 L	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	17.2	mg/dL	0.0-40.0

Patient Name : Ms Sakshi MRN : 30050000008107 Gender/Age : FEMALE , 32y (23/02/1991)

Cholesterol /HDL Ratio (Calculated)	3.2	-	0.0-5.0
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THYROID PROFILE (T3, T4, TSH)

Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence)	1.20	ng/mL	0.97-1.69
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Thyroxine (T4) (Enhanced Chemiluminescence)	8.54	µg/dl	5.53-11.0
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TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence)	4.815 H	µIU/mL	> 18 Year(s) : 0.4 -4.5 Pregnancy: 1st Trimester: 0.129-3.120 2nd Trimester: 0.274-2.652 3rd Trimester: 0.312-2.947
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LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric -Diazo Method)	0.50	mg/dL	0.2-1.3
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Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.10	mg/dL	0.0-0.3
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Unconjugated Bilirubin (Indirect) (Calculated)	0.4	mg/dL	0.0-1.1
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Total Protein (Colorimetric - Biuret Method)	7.50	gm/dL	6.3-8.2
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Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.20	gm/dL	3.5-5.0
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Serum Globulin (Calculated)	3.3	gm/dL	2.0-3.5
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Albumin To Globulin (A/G)Ratio (Calculated)	1.28	-	1.0-2.1
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SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	43 H	U/L	14.0-36.0
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SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	57 H	U/L	<35.0
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Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	112	U/L	38.0-126.0
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Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	45 H	U/L	12.0-43.0
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Interpretation Notes

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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.

--End of Report--



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



Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry

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(Lipid Profile, -> Auto Authorized)

(CR, -> Auto Authorized)

(Uric Acid, -> Auto Authorized)

(Blood Urea Nitrogen (Bun) -> Auto Authorized)



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sakshi MRN : 3005000008107 Gender/Age : FEMALE , 32y (23/02/1991)

Collected On : 17/03/2023 09:28 AM Received On : 17/03/2023 11:13 AM Reported On : 17/03/2023 12:00 PM

Barcode : 012303170861 Specimen : Whole Blood Consultant : Dr. Gayathri Meganathan(OBSTETRICS & GYNAECOLOGY)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9113310180

BIOCHEMISTRY

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

Interpretation:

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

--End of Report-

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MC-2688



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sakshi MRN : 3005000008107 Gender/Age : FEMALE , 32y (23/02/1991)

Collected On : 17/03/2023 09:28 AM Received On : 17/03/2023 11:14 AM Reported On : 17/03/2023 12:29 PM

Barcode : 022303170481 Specimen : Whole Blood - ESR Consultant : Dr. Gayathri Meganathan(OBSTETRICS & GYNAECOLOGY)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9113310180

HEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	39 H	mm/1hr	0.0-12.0

Interpretation Notes

- ESR high - Infections, chronic disorders,, plasma cell dyscrasias.

DISCLAIMER:All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert

--End of Report-

Hema S

Dr. Hema S
MD, DNB, Pathology
Associate Consultant

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sakshi MRN : 3005000008107 Gender/Age : FEMALE , 32y (23/02/1991)

Collected On : 17/03/2023 09:28 AM Received On : 17/03/2023 11:29 AM Reported On : 17/03/2023 12:26 PM

Barcode : 032303170140 Specimen : Urine Consultant : Dr. Gayathri Meganathan(OBSTETRICS & GYNAECOLOGY)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9113310180

CLINICAL PATHOLOGY

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

Colour	STRAW	-	-
Appearance	Clear	-	-

CHEMICAL EXAMINATION

pH(Reaction) (pH Indicator Method)	5.0	-	4.5-7.5
Sp. Gravity (Refractive Index)	1.020	-	1.002 - 1.030
Protein (Automated Protein Error Or Ph Indicator)	Not Present	-	Not Present
Urine Glucose (Enzyme Method (GOD POD))	Not Present	-	Not Present
Ketone Bodies (Nitroprusside Method)	Not Present	-	Not Present
Bile Salts (Azo Coupling Method)	Not Present	-	Not Present
Bile Pigment (Bilirubin) (Azo Coupling Method)	Not Present	-	Not Present
Urobilinogen (Azo Coupling Method)	Normal	-	Normal
Urine Leucocyte Esterase (Measurement Of Leukocyte Esterase Activity)	Not Present	-	Not Present
Blood Urine (Peroxidase Reaction)	Not Present	-	Not Present
Nitrite (Gries Method)	Not Present	-	Not Present

MICROSCOPIC EXAMINATION

Pus Cells	0.7	/hpf	0-5
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RBC	0.4	/hpf	0-4
Epithelial Cells	5.3	/hpf	0-6
Crystals	0.0	/hpf	0-2
Casts	0.00	/hpf	0-1
Bacteria	5.0	/hpf	0-200
Yeast Cells	0.1	/hpf	0-1
Mucus	Not Present	-	Not Present

--End of Report--



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

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sakshi MRN : 3005000008107 Gender/Age : FEMALE , 32y (23/02/1991)

Collected On : 17/03/2023 09:28 AM Received On : 17/03/2023 11:13 AM Reported On : 17/03/2023 11:33 AM

Barcode : 012303170860 Specimen : Plasma Consultant : Dr. Gayathri Meganathan(OBSTETRICS & GYNAECOLOGY)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9113310180

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Colorimetric - Glucose Oxidase Peroxidase)	92	mg/dL	70 to 99 : Normal 100 to 125 : Pre-diabetes =>126 : Diabetes ADA standards 2020

--End of Report--

Mrs. Latha B S
MSc, Mphil, Biochemistry
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MBBS,MD, Biochemistry
Consultant Biochemistry

Note

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- (Fasting Blood Sugar (FBS) -> Auto Authorized)



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sakshi MRN : 3005000008107 Gender/Age : FEMALE , 32y (23/02/1991)

Collected On : 17/03/2023 12:37 PM Received On : 17/03/2023 03:12 PM Reported On : 17/03/2023 03:49 PM

Barcode : 012303171542 Specimen : Plasma Consultant : Dr. Gayathri Meganathan(OBSTETRICS & GYNAECOLOGY)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9113310180

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Colorimetric - Glucose Oxidase Peroxidase)	114	mg/dL	70 to 139 : Normal 140 to 199 : Pre-diabetes =>200 : Diabetes ADA standards 2020

--End of Report--



Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry



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(Post Prandial Blood Sugar (PPBS) -> Auto Authorized)



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sakshi MRN : 3005000008107 Gender/Age : FEMALE , 32y (23/02/1991)

Collected On : 17/03/2023 12:37 PM Received On : 17/03/2023 02:52 PM Reported On : 17/03/2023 03:29 PM

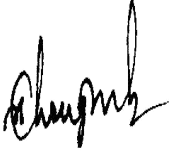
Barcode : 032303170283 Specimen : Urine Consultant : Dr. Gayathri Meganathan(OBSTETRICS & GYNAECOLOGY)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9113310180

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Post Prandial) (Enzyme Method (GOD POD))	Not Present	-

--End of Report--



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MBBS, MD, Pathology
Consultant & Head - Hematology & Flow Cytometry

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