

NAME: <u>G. Nalini m</u>	
AGE/GENDER: 3591F	
HEIGHT: 152000	WEIGHT: 43.8Kg
IDENTIFICATION MARK:	O
BLOOD PRESSURE: 100 / 4000000 / 149	
PULSE: 82/min	
9	
RS:P NO Ironal	
ANY OTHER DISEASE DIAGNOSED IN THE PAST: $\mathcal{N}(\ell)$	
ALLERGIES, IF ANY:	
LIST OF PRESCRIBED MEDICINES: Nil	
ANY OTHER REMARKS: Nil/	
of Ms_Shovennee who has signed in m	y presence. He/ she has no physical
disease and is fit for employment.	Dr. BINDURA.I. R MBBS, MD Internal Medicine Reg. W 2806
Signature of candidate	Signature of Medical Officer
Place: Spectoron Diagnostics PH	ealth care
Date: 23 /12/23	

Disclaimer: The patient has not been checked for COVID. This certificate does not relate to the covid status of the patient examined





Dr. Ashok S Bsc., MBBS., D.O.M.S Consultant Opthalmologist KMC No: 31827

DATE: 28-12-23

EYE EXAMINATION

NAME: MSS. SWalet	Ne. AGE: 354	GENDER: F/M
	RIGHT EYE	LEFT EYE
Vision	G1129016	Ellezi Mo
Vision With glass	A6:m	Alano
Color Vision	Normal	Normal
Anterior segment examination	Normal	Normal
Fundus Examination	Normal	Normal
Any other abnormality	Nill	Nill
Diagnosis/ impression	Normal	Normal
		M.B.B.S. D.O.M.S. Iltant & Surgeon IC 31827 pthalmologist)







NAME	AGE	GENDER
125. S-Nalini	35421	Female

DENTAL EXAMINATION REPORT:

8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8

C: CAVITY -) Deep derld Calies on 6; reeds
M: MISSING -> nore
O: OTHERS -> Impacted 88 ; Extraction recommended-

ADVISED:

CLEANING / SCALING / ROOTS PLANNING / FLOSSING & POLISHING / OTHERS

REMARKS:

SIGNATURE OF THE DENTAL SURGEON

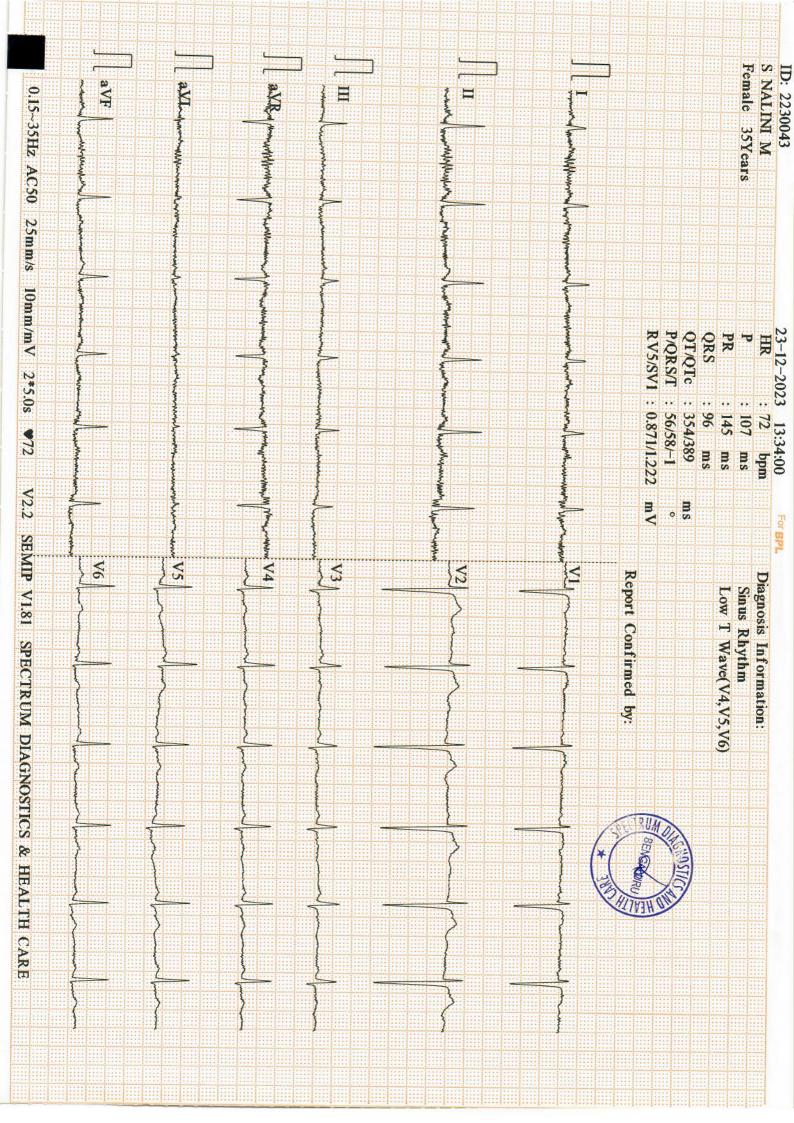
SEAL

Dr. SACHDEV NAGARKAR B.D.S., F.A.G.E., F.P.F.A. (USA)

DATE

Reg. No: 2247/A 23-12-2023.







SPECTRUM DIAGNOSTICS

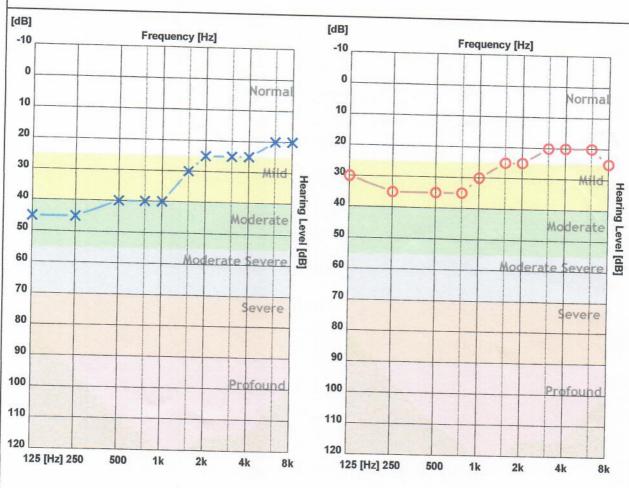
Bangalore

Patient ID: 0016 Name: M S NALINI

CR Number: 20231223124445 Registration Date: 23-Dec-2023 Age: 35

Gender: Female

Operator: spectrum diagnostics



	125 Hz	250 Hz	500 Hz	750 Hz	1000 H	1500 H	2000 H	3000 H	4000 H	6000 H	8000 H
X - Air Left	45	45	40	40	40	30	25	25	25	20	20
O - Air Right	30	35	35	35	30	25	25	20	20	20	25
> - Bone Left								antine mes ex-			
< - Bone Right											

	Average	High	Mid	Low	
AIR Left	32.27 dB	22.50 dB	31.67 dB	42.50 dB	
AIR Right	27.27 dB	21.25 dB	26.67 dB	33.75 dB	

Clinical Notes:

Right Ear:Mild Left Ear:Normal





NAME : MRS. NALINI M	DATE :23/12/2023
AGE/SEX: 35 YEARS/FEMALE	DAIL :23/12/2023
	REG NO:2230053
REF BY : APOLO CLINIC	1120 110.2230053

CHEST PA VIEW

Lung fields are clear.

Cardiovascular shadows are within normal limits.

Both CP angles are free.

Domes of diaphragm and bony thoracic cage are normal.

IMPRESSION: NORMAL CHEST RADIOGRAPH.

RH1-19 DR.RAM PRAKASH G MDRD CONSULTANT RADIOLOGIST

Your suggestion / feedback is a valuable input for improving our services







PATIENT NAME	MRS S NALINI M			
AGE		ID NO	2312230053	
	35YEARS	SEX	FEMALE	
REF BY	DR.APOLO CLINIC	DAME		
	20 5010 215	DATE	23.12.2023	

2D ECHO CARDIOGRAHIC STUDY

	VI-IVIODE
AORTA	36mm
LEFT ATRIUM	31mm
RIGHT VENTRICLE	20mm
LEFT VENTRICLE (DIASTOLE)	
LEFT VENTRICLE(SYSTOLE)	42mm
	27mm
VENTRICULAR SEPTUM (DIASTOLE)	09mm
VENTRICULAR SEPTUM (SYSTOLE)	11mm
POSTERIOR WALL (DIASTOLE)	08mm
POSTERIOR WALL (SYSTOLE)	11mm
FRACTIONAL SHORTENING	30%
EJECTION FRACTION	60%

DOPPLER /COLOUR FLOW

Mitral Valve Velocity: MVE- 0.60m/s MVA - 0.53m/s E/A-1.02

Tissue Doppler : e' (Septal) -10cm/s E/e'(Septal) -6

Velocity/ Gradient across the Pulmonic valve : 0.83m/s 3mmHg

Max. Velocity / Gradient across the Aortic valve: 1.19m/s 4mmHg

Velocity / Gradient across the Tricuspid valve : 2.50 m/s 30mmHg







PATIENT NAME	MRS S NALINI M		
AGE	35YEARS	ID NO	2312230053
REF BY		SEX	FEMALE
	DR.APOLO CLINIC	DATE	23.12.2023

2D ECHO CARDIOGRAHIC STUDY

LEFT VENTRICLE	CIZEO TIMOMO	
VENTRICLE	SIZE& THICKNESS	NORMAL
CONTRACTILITY	DECIGNAL	
- CONTRACTIENT	REGIONAL GLOBAL	NO RWMA

RIGHT VENTRICLE		: NORMAL	
LEFT ATRIUM		: NORMAL	
RIGHT ATRIUM		: NORMAL	
MITRAL VALVE	-:	NORMAL	
AORTIC VALVE	:		
PULMONARY VALVE	:	NORMAL	
TRICUSPID VALVE	:	NORMAL	
INTER ATRIAL SEPTUM	:	INTACT	
INTER VENTRICULAR SEPTUM	1:	INTACT	
PERICARDIUM	;	NORMAL	
OTHERS	:	- NIL	

IMPRESSION

- NO REGIONAL WALL MOTION ABNORMALITY PRESENT
- NORMAL VALVES AND DIMENSIONS
- NORMAL LV FUNCTION, LVEF- 60%
- > MILD MR / MILD TR/ MILD PAH
- > NO CLOT / VEGETATION / EFFUSION

ECHO TECHNICIAN

The science of radiology is based upon interpretation of shadows of normal and abnormal tissue. This is neither complete nor accurate; hence, findings should always be interpreted in to the light of clinico-pathological correction.







NAME AND LAB NO	MRS NALINI MS		
AGE & SEX	The second secon	REG -30053	
DATE AND AREA OF INTEREST	35 YRS	FEMALE	
	23.12.2023		
REF BY		ABDOMEN & PELVIS	
	C/ O APOLO CLINIC		

USG ABDOMEN AND PELVIS

LIVER:

Measures 13.3 cm. Normal in size with increased echotexture.

No e/o IHBR dilatation. No evidence of SOL.

Portal vein appears normal.

CBD appears normal. . No e/o calculus / SOL

GALL BLADDER:

Contracted.

SPLEEN:

Measures 8.8 cm. Normal in size and echotexture. No e/o SOL/ calcification.

PANCREAS:

Normal in size and echotexture.

Pancreatic duct appears normal. No e/o calculus / calcifications.

RETROPERITONEUM:

Poor window.

RIGHT KIDNEY:

Measures 9.8 X4.0 cm. Right kidney is normal in size & echotexture

No evidence of calculus/ hydronephrosis.

LEFT KIDNEY:

Measures 10.0 X4.2 cm .Left kidney is normal in size & echotexture

No evidence of calculus/ hydronephrosis.

URETERS:

Bilateral ureters are not dilated.

URINARY BLADDER:

Well distended. No wall thickening/calculi.

UTERUS:

Anteverted, Normal in size 7.6 X3.6 X4.2 cm and echotexture

Endometrium is normal.ET -8 mm.

OVARIES:

B/L ovaries normal in size and echotexture.

No evidence of ascites/pleural effusion.

IMPRESSION:

No significant sonological abnormality detected in the abdomen and pelvis.

DR PURNIMA PUJAR MBBS MDRD









Age / Gender : 35 years / Female : Dr. APOLO CLIN

Ref. By Dr. : Dr. APOLO CLINIC : 2312230053

C/o : Apollo Clinic

UHID : 2312230053 Sample

2312230053

Bill Date

: 23-Dec-2023 09:49 AM

Sample Col. Date: 23-Dec-2023 09:49 AM Result Date : 23-Dec-2023 02:46 PM

Report Status : Final

Test Name	Result	Unit	Reference Value	Method
Glycosylated Haemoglobin (HbA1c)-Whole Blood EDTA				
Glycosylated Haemoglobin (HbA1c)	5.30	%	Non diabetic adults :<5.7 At risk (Prediabetes) : 5.7 - 6.4 Diagnosing Diabetes :>= 6.5	HPLC
			Diabetes Excellent Control: 6-7	
			Fair to good Control: 7-8 Unsatisfactory Control:8-10	
Estimated Average Glucose(eAG)	105.41	mg/dL	Poor Control :>10	Calculated

Note: 1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled.

2. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal of < 7.0 % may not

Comments: HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

Fasting Blood Sugar (FBS)-Plasma

82

mg/dL

60.0-110.0

Hexo Kinase







: MRS. S NALINI M

Age / Gender Ref. By Dr.

: 35 years / Female

Reg. No.

: Dr. APOLO CLINIC : 2312230053

C/o

: Apollo Clinic

: 2312230053

2312230053

Bill Date

: 23-Dec-2023 09:49 AM

Sample Col. Date: 23-Dec-2023 09:49 AM

Result Date

: 23-Dec-2023 02:46 PM

Report Status : Final

Test Name

Result

Unit

Reference Value

Method

Comments: Glucose, also called dextrose, one of a group of carbohydrates known as simple sugars (monosaccharides). Glucose has the molecular formula $C_6H_{12}O_6$. It is found in fruits and honey and is the major free sugar circulating in the blood of higher animals. It is the source of energy in cell function, and the regulation of its metabolism is of great importance (fermentation; gluconeogenesis). Molecules of starch, the major energy-reserve carbohydrate of plants, consist of thousands of linear glucose units. Another major compound composed of glucose is cellulose, which is also linear. Dextrose is the molecule D-glucose. Blood sugar, or glucose, is the main sugar found in the blood. It comes from the food you eat, and it is body's main source of energy. The blood carries glucose to all of the body's cells to use for energy. Diabetes is a disease in which your blood sugar levels are too high.Usage: Glucose determinations are useful in the detection and management of Diabetes mellitus.

Note: Additional tests available for Diabetic control are Glycated Hemoglobin (HbA1c), Fructosamine & Microalbumin urine

Comments: Conditions which can lead to lower postprandial glucose levels as compared to fasting glucose are excessive insulin release, rapid gastric

Probable causes: Early Type II Diabetes / Glucose intolerance, Drugs like Salicylates, Beta blockers, Pentamidine etc., Alcohol , Dietary - Intake of excessive carbohydrates and foods with high glycemic index? Exercise in between samples? Family history of Diabetes, Idiopathic, Partial / Total

Post prandial Blood Glucose (PPBS)-Plasma

100

mg/dL

70-140

Hexo Kinase

Comments: Glucose, also called dextrose, one of a group of carbohydrates known as simple sugars (monosaccharides). Glucose has the molecular formula $C_6H_{12}O_6$. It is found in fruits and honey and is the major free sugar circulating in the blood of higher animals. It is the source of energy in cell function, and the regulation of its metabolism is of great importance (fermentation; gluconeogenesis). Molecules of starch, the major energy-reserve carbohydrate of plants, consist of thousands of linear glucose units. Another major compound composed of glucose is cellulose, which is also linear. Dextrose is the molecule D-glucose. Blood sugar, or glucose, is the main sugar found in the blood. It comes from the food you eat, and it is body's main source of energy. The blood carries glucose to all of the body's cells to use for energy. Diabetes is a disease in which your blood sugar levels are too high.Usage: Glucose determinations are useful in the detection and management of Diabetes mellitus.

Note: Additional tests available for Diabetic control are Glycated Hemoglobin (HbA1c), Fructosamine & Microalbumin urine

Comments: Conditions which can lead to lower postprandial glucose levels as compared to fasting glucose are excessive insulin release, rapid gastric emptying & brisk glucose absorption.

Probable causes: Early Type II Diabetes / Glucose intolerance, Drugs like Salicylates, Beta blockers, Pentamidine etc., Alcohol , Dietary - Intake of excessive carbohydrates and foods with high glycemic index? Exercise in between samples? Family history of Diabetes, Idiopathic, Partial / Total



Printed By

: spectrum

Printed On

: 23 Dec, 2023 05:35 pm

Dr. Nithun Reddy C,MD,Consultant Pathologist



Tejas Arcade, #9/1, 1st Main Road, Dr. Rajkumar Road, Rajajinagar, Opp. St. Theresa Hospital, Bengaluru +91 77604 97644 | 080 2337 1555

info@spectrumdiagnostics.org





: MRS. S NALINI M

Age / Gender Ref. By Dr.

: 35 years / Female

Reg. No.

: Dr. APOLO CLINIC : 2312230053

C/o

: Apollo Clinic

UHID

: 2312230053

2312230053

Bill Date

: 23-Dec-2023 09:49 AM

Result Date

Sample Col. Date: 23-Dec-2023 09:49 AM : 23-Dec-2023 02:46 PM

Report Status : Final

Test Name	Result	Unit	Reference Value	Method
KFT (Kidney Function Test) Blood Urea Nitrogen (BUN)- Serum	7 .00	mg/dL	7.0-18.0	GLDH,Kinetic Assay
Creatinine-Serum	0.55	mg/dL	Male: 0.70-1.30	Modified
Uric Acid-Serum	3.62	mg/dL	Female: 0.55-1.02 Male: 3.50-7.20	kinetic Jaffe Uricase PAP
Sodium (Na+)-Serum	138.7	mmol/L	Female: 2.60-6.00 135.0-145.0	Ion-Selective Electrodes
Potassium (K+)-Serum	4.57	mmol/L	3.5 to 5.5	(ISE) Ion-Selective Electrodes
Chloride(Cl-)-Serum	103.70	mmol/L	94.0-110.0	(ISE) Ion-Selective Electrodes (ISE)



Printed By

: spectrum

Printed On

: 23 Dec, 2023 05:35 pm

Dr. Nithun Reddy C,MD,Consultant Pathologist

Tejas Arcade, #9/1, 1st Main Road, Dr. Rajkumar Road, Rajajinagar, Opp. St. Theresa Hospital, Bengaluru - 550010 www.spectrumdiagnostics.org







Age / Gender : 35 years / Female Ref. By Dr. : Dr. APOLO CLINIC

Reg. No. : 2312230053 C/o : Apollo Clinic UHID : 2312230053

2312230053

Bill Date

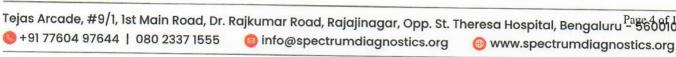
: 23-Dec-2023 09:49 AM

Sample Col. Date: 23-Dec-2023 09:49 AM **Result Date** : 23-Dec-2023 02:46 PM

Report Status : Final

Test Name	Result	Unit	Reference Value	Method
LFT-Liver Function Test -Serui	n			
Bilirubin Total-Serum	0.47	mg/dL	0.2-1.0	Caffeine
Bilirubin Direct-Serum	0.10	mg/dL	0.0-0.2	Benzoate Diazotised Sulphanilic
Bilirubin Indirect-Serum Aspartate Aminotransferase (AST/SGOT)-Serum	0.37 15.00	mg/dL U/L	0.0-1.10 15.0-37.0	Acid Direct Measure UV with Pyridoxal - 5 -
Alanine Aminotransferase (ALT/SGPT)-Serum	12.00	U/L	Male:16.0-63.0	Phosphate UV with
Alkaline Phosphatase (ALP)- Serum	56.00	U/L	Female:14.0-59.0 Adult: 45.0-117.0 Children: 48.0-445.0	Pyridoxal - 5 - Phosphate PNPP,AMP- Buffer
Protein, Total-Serum	7.34	g/dL	Infants: 81.90-350.30 6.40-8.20	Biuret/Endpoint-
Albumin-Serum	3.98	g/dL	3.40-5.00	With Blank Bromocresol
Globulin-Serum Albumin/Globulin Ratio-Serum Gamma-Glutamyl Transferase GGT)-Serum		g/dL Ratio U/L	2.0-3.50 0.80-1.20 Male: 15.0-85.0 Female: 5.0-55.0	Purple Calculated Calculated Other g-Glut-3- carboxy-4 nitro









: MRS. S NALINI M

Age / Gender Ref. By Dr.

: 35 years / Female : Dr. APOLO CLINIC

Reg. No.

: 2312230053

C/o

: Apollo Clinic

UHID

: 2312230053

Bill Date

: 23-Dec-2023 09:49 AM

Sample Col. Date: 23-Dec-2023 09:49 AM

Result Date

: 23-Dec-2023 02:46 PM

Report Status : Final

Test Name

Result

Unit

Reference Value

Method

Comments: Gamma-glutamyltransferase (GGT) is primarily present in kidney, liver, and pancreatic cells. Small amounts are present in other tissues. Even though renal tissue has the highest level of GGT, the enzyme present in the serum appears to originate primarily from the hepatobiliary system, and GGT activity is elevated in any and all forms of liver disease. It is highest in cases of intra- or posthepatic biliary obstruction, reaching levels some 5 to 30 times normal. GGT is more sensitive than alkaline phosphatase (ALP), leucine aminopeptidase, aspartate transaminase, and alanine aminotransferase in detecting obstructive jaundice, cholangitis, and cholecystitis; its rise occurs earlier than with these other enzymes and persists longer. Only modest elevations (2-5 times normal) occur in infectious hepatitis, and in this condition, GGT determinations are less useful diagnostically than are measurements of the transaminases. High elevations of GGT are also observed in patients with either primary or secondary (metastatic) neoplasms. Elevated levels of GGT are noted not only in the sera of patients with alcoholic cirrhosis but also in the majority of sera from persons who are heavy drinkers. Studies have emphasized the value of serum GGT levels in detecting alcohol-induced liver disease. Elevated serum values are also seen in patients receiving drugs such as phenytoin and phenobarbital, and this is thought to reflect induction of new enzyme activity.



Printed By

: spectrum

Printed On

: 23 Dec, 2023 05:35 pm

Dr. Nithun Reddy C,MD,Consultant Pathologist

Tejas Arcade, #9/1, 1st Main Road, Dr. Rajkumar Road, Rajajinagar, Opp. St. Theresa Hospital, Bengaluru - 56001 +91 77604 97644 | 080 2337 1555 info@spectrumdiagnostics.org









Age / Gender : 35 years / Female Ref. By Dr.

: Dr. APOLO CLINIC Reg. No. : 2312230053

C/o : Apollo Clinic

UHID : 2312230053

Bill Date

: 23-Dec-2023 09:49 AM Sample Col. Date: 23-Dec-2023 09:49 AM

Result Date

: 23-Dec-2023 02:46 PM

Report Status : Final

Test Name	Result	Unit	Reference Value	Method
Lipid Profile-Serum				
Cholesterol Total-Serum	160.00	mg/dL	Female: 0.0 - 200	Cholesterol
Triglycerides-Serum	63.00	mg/dL	Female: 0.0 - 150	Oxidase/Peroxidase Lipase/Glycerol
High-density lipoprotein (HDL) Cholesterol-Serum	36.00	mg/dL	Female: 40.0 - 60.0	Dehydrogenase Accelerator/Selective
Non-HDL cholesterol-Serum Low-density lipoprotein (LDL)	124 111	mg/dL mg/dL	Female: 0.0 - 130 Female: 0.0 - 100.0	Detergent Calculated Cholesterol esterase
Cholesterol-Serum Very-low-density lipoprotein	13	ma/dI		and cholesterol oxidase
(VLDL) cholesterol-Serum	4.44	mg/dL	Female: 0.0 - 40	Calculated
nterpretation.	7.44	Ratio	Female: 0.0 - 5.0	Calculated

Interpretation:

Parameter	Desirable	Borderline High	Complete Name of the Complete	
Total Cholesterol		Borderine High	High	Very High
	<200	200-239	>240	
Triglycerides	<150	150-199	200-499	500
Non-HDL cholesterol	<130	160 190		>500
Low density II (T.D.) at .	130	160-189	190-219	>220
Low-density lipoprotein (LDL) Cholesterol	<100	100-129	160-189	>190

Comments: As per Lipid Association of India (LAI), for routine screening, overnight fasting preferred but not mandatory. Indians are at very high risk of developing Atherosclerotic Cardiovascular (ASCVD). Among the various risk factors for ASCVD such as dyslipidemia, Diabetes Mellitus, sedentary lifestyle, Hypertension, smoking etc., dyslipidemia has the highest population attributable risk for MI both because of direct association with disease pathogenesis and very high prevalence in Indian population. Hence monitoring lipid profile regularly for effective management of dyslipidemia remains one of the most important healthcare targets for prevention of ASCVD. In addition, estimation of ASCVD risk is an essential, initial step in the management of individuals requiring primary prevention of ASCVD. In the context of lipid management, such a risk estimate forms the basis for several key therapeutic decisions, such as the need for and aggressiveness of statin therapy.



Printed By

: spectrum

Printed On

: 23 Dec, 2023 05:35 pm

Dr. Nithun Reddy C,MD,Consultant Pathologist

. Tejas Arcade, #9/1, 1st Main Road, Dr. Rajkumar Road, Rajajinagar, Opp. St. Theresa Hospital, Bengaluru - 56001 +91 77604 97644 | 080 2337 1555 info@spectrumdiagnostics.org www.spectrumdiagnostics.org







: MRS. S NALINI M

Age / Gender Ref. By Dr.

: 35 years / Female : Dr. APOLO CLINIC

Reg. No.

: 2312230053

C/o

: Apollo Clinic

UHID

: 2312230053

2312230053

Bill Date

: 23-Dec-2023 09:49 AM

Sample Col. Date: 23-Dec-2023 09:49 AM

Result Date

: 23-Dec-2023 02:46 PM

Report Status : Final

Test Name	Result	Unit	Reference Value	Method
Calcium, Total- Serum	10.30	mg/dL	8.50-10.10	Spectrophotometry (O-
Fasting Urine Glucose-Urine	Negative		Negative	Cresolphthalein complexone) Dipstick/Benedicts (Manual)
Blood Group & Rh Typing-Who				
Blood Group	0			Slide/Tube
Rh Type	Positive			agglutination Slide/Tube agglutination
Note: Confirm by tube on and and				aggruination

Note: Confirm by tube or gel method.

Comments: ABO blood group system, the classification of human blood based on the inherited properties of red blood cells (erythrocytes) as determined by the presence or absence of the antigens A and B, which are carried on the surface of the red cells. Persons may thus have type A, type



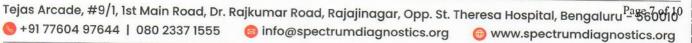
Printed By

: spectrum

Printed On

: 23 Dec, 2023 05:35 pm

Dr. Nithun Reddy C,MD,Consultant Pathologist









Age / Gender : 35 years / Female

Ref. By Dr. : Dr. APOLO CLINIC Reg. No. : 2312230053

C/o : Apollo Clinic UHID : 2312230053

Bill Date : 23-Dec-2023 09:49 AM

Sample Col. Date: 23-Dec-2023 09:49 AM Result Date : 23-Dec-2023 02:46 PM

Report Status

: Final

Test Name	Result	Unit	Reference Value	Method
Thyroid function tests (TFT Serum)-		end top as legal	
Tri-Iodo Thyronine (T3)-Sen	rum 1.06	ng/mL	Female: 0.60 - 1.81	Chemiluminescence Immunoassay
Thyroxine (T4)-Serum	10.1	μg/dL	Female: 5.50 - 12.10	(CLIA) Chemiluminescence Immunoassay
Thyroid Stimulating Hormo (TSH)-Serum	ne 2.95	μIU/mL	Female: 0.35 - 5.50	(CLIA) Chemiluminescence Immunoassay (CLIA)

Comments: Triiodothyronine (T3) assay is a useful test for hyperthyroidism in patients with low TSH and normal T4 levels. It is also used for the diagnosis of T3 toxicosis. It is not a reliable marker for Hypothyroidism. This test is not recommended for general screening of the population without

Reference range: Cord: (37 Weeks): 0.5-1.41, Children:1-3 Days: 1.0-7.40,1-11 Months: 1.05-2.45,1-5 Years: 1.05-2.69,6-10 Years: 0.94-2.41,11-15 Years: 0.82-2.13, Adolescents (16-20 Years): 0.80-2.10

Reference range: Adults: 20-50 Years: 0.70-2.04, 50-90 Years: 0.40-1.81,

Reference range in Pregnancy: First Trimester: 0.81-1.90,Second Trimester: 1.0-2.60

Increased Levels: Pregnancy, Graves disease, T3 thyrotoxicosis, TSH dependent Hyperthyroidism, increased Thyroid-binding globulin (TBG). Decreased Levels: Nonthyroidal illness, hypothyroidism, nutritional deficiency, systemic illness, decreased Thyroid-binding globulin (TBG).

Comments: Total T4 levels offer a good index of thyroid function when TBG is normal and non-thyroidal illness is not present. This assay is useful for monitoring treatment with synthetic hormones (synthetic T3 will cause low total T4). It also helps to monitor treatment of Hyperthyroidism with Thiouracil or other anti-thyroid drugs.

Reference Range: Males: 4.6-10.5, Females: 5.5-11.0, 60 Years: 5.0-10.70, Cord: 7.40-13.10, Children: 1-3 Days: 11.80-22.60, 1-2 Weeks: 9.90-16.60,1-4 Months: 7.20-14.40,1-5 Years: 7.30-15.0,5-10 Years: 6.4-13.3

1-15 Years: 5.60-11.70, Newborn Screen: 1-5 Days: >7.5,6 Days :>6.5

Increased Levels: Hyperthyroidism, increased TBG, familial dysalbuminemic hyperthyroxinemia, Increased transthyretin, estrogen therapy, pregnancy. Decreased Levels: Primary hypothyroidism, pituitary TSH deficiency, hypothalamic TRH deficiency, non thyroidal illness, decreased TBG.

Comments: TSH is a glycoprotein hormone secreted by the anterior pituitary. TSH is a labile hormone & is secreted in a pulsatile manner throughout the day and is subject to several non-thyroidal pituitary influences. Significant variations in TSH can occur with circadian rhythm, hormonal status, stress, sleep deprivation, caloric intake, medication & circulating antibodies. It is important to confirm any TSH abnormality in a fresh specimen drawn after ~ 3 weeks before assigning a diagnosis, as the cause of an isolated TSH abnormality.

Reference range in Pregnancy: I- trimester:0.1-2.5; II -trimester:0.2-3.0; III- trimester:0.3-3.0

Reference range in Newborns: 0-4 days: 1.0-39.0; 2-20 Weeks:1.7-9.1

Increased Levels: Primary hypothyroidism, Subclinical hypothyroidism, TSH dependent Hyperthyroidism and Thyroid hormone resistance.

els: Graves disease, Autonomous thyroid hormone secretion, TSH defic

Printed By : spectrum

Printed On : 23 Dec, 2023 05:35 pm

Dr. Nithun Reddy C,MD,Consultant Pathologist

Tejas Arcade, #9/1, 1st Main Road, Dr. Rajkumar Road, Rajajinagar, Opp. St. Theresa Hospital, Bengaluru +91 77604 97644 | 080 2337 1555 info@spectrumdiagnostics.org www.spectrumdiagnostics.org







Age / Gender : 35 years / Female

Ref. By Dr. : Dr. APOLO CLINIC Reg. No. : 2312230053

C/o

: Apollo Clinic

Bill Date

: 23-Dec-2023 09:49 AM Sample Col. Date: 23-Dec-2023 09:49 AM

Result Date

: 23-Dec-2023 02:46 PM

Report Status : Final

Test Name	Result	Unit	Reference Value	Method
Urine Routine Examination-I	Urine	POLICE CONTRACTOR OF THE PROPERTY OF THE PROPE		
Physical Examination				
Colour	Pale Yellow		Pale Yellow	
Appearance	Slightly Turbid		Clear	Visual
Reaction (pH)	6.00			Visual
Specific Gravity	1.020		5.0-7.5	Dipstick
Biochemical Examination	1.020		1.000-1.030	Dipstick
Albumin	Negative		Nagative	
Glucose	Negative		Negative	Dipstick/Precipitation
Bilirubin	Negative		Negative	Dipstick/Benedicts
Ketone Bodies	Negative		Negative	Dipstick/Fouchets
Urobilinogen	Normal		Negative	Dipstick/Rotheras
Nitrite	Negative		Normal	Dipstick/Ehrlichs
Microscopic Examination	regative		Negative	Dipstick
Pus Cells	4-6	hnf	0.0.5.0	
Epithelial Cells	3-5	hpf hpf	0.0-5.0	Microscopy
RBCs	Absent	hpf	0.0-10.0	Microscopy
Casts	Absent	hpf	Absent	Microscopy
Crystals	Absent		Absent	Microscopy
Others			Absent	Microscopy
	Bacteria Present		Absent	Microscopy

UHID

: 2312230053

2312230053

Comments: The kidneys help infiltration of the blood by eliminating waste out of the body through urine. They also regulate water in the body by conserving electrolytes, proteins, and other compounds. But due to some conditions and abnormalities in kidney function, the urine may encompass some abnormal constituents, which are not normally present. A complete urine examination helps in detecting such abnormal constituents in urine. Several disorders can be detected by identifying and measuring the levels of such substances. Blood cells, bilirubin, bacteria, pus cells, epithelial cells may be present in urine due to kidney disease or infection. Routine urine examination helps to diagnose kidney diseases, urinary tract infections, diabetes and other metabolic disorders.

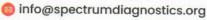


Printed By : spectrum

Printed On : 23 Dec, 2023 05:35 pm

Dr. Nithun Reddy C,MD,Consultant Pathologist

Tejas Arcade, #9/1, 1st Main Road, Dr. Rajkumar Road, Rajajinagar, Opp. St. Theresa Hospital, Bengaluru - 5600 +91 77604 97644 | 080 2337 1555









Age / Gender : 35 years / Female

Ref. By Dr. : Dr. APOLO CLINIC Reg. No. : 2312230053

C/o : Apollo Clinic UHID : 2312230053

> 2312230053

Bill Date

: 23-Dec-2023 09:49 AM

Sample Col. Date: 23-Dec-2023 09:49 AM **Result Date** : 23-Dec-2023 03:05 PM

Report Status : Final

Test Name	Result	Unit	Reference Value	Method
Post Prandial Urine Sugar	Negative		Negative	Dipstick/Benedicts(Man



Printed By

: spectrum

Printed On

: 23 Dec, 2023 05:35 pm

Dr. Nithun Reddy C,MD,Consultant Pathologist

