Dr. Goyal's

Path Lab & Imaging Centre

Signature Medical Examiner: --

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019 75) Tele: 0141-2293346, 4049787, 9887049787 Website: www.drgoyalspathlab.com | E-mail: General Physical Examination Date of Examination: 1708 2023. Name: Madhyri Sharma. _____ Age: <u>33.</u> Sex: <u>Female</u> DOB: 20 07 1990 Referred By: Photo ID: Addhow and ID#: affal Hed. Wt: 57 (Kg) Ht: 168 (cm) Chest (Expiration): 89 (cm) Abdomen Circumference: 74 (cm) Blood Pressure: 10/70 mm Hg PR: 72/min RR: 14/min Temp: abeloadle Eye Examination: Dis VISION. 6/6, Near Vision Nb No colour blindnes Not significant On examination he/she appears physically and mentally fit: Yes/No Dr Pivush Goval Name of Examinee: No.-017996

Name Medical Examiner -----



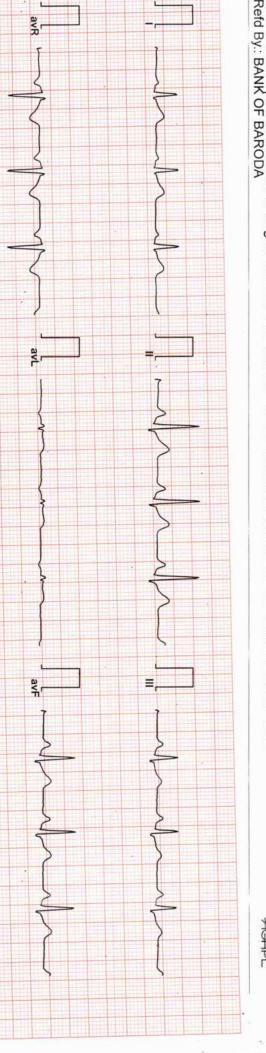
Dr. Piyush Goyal M.B.B.S. D.M.R.D. RMC Reg. No.-017993

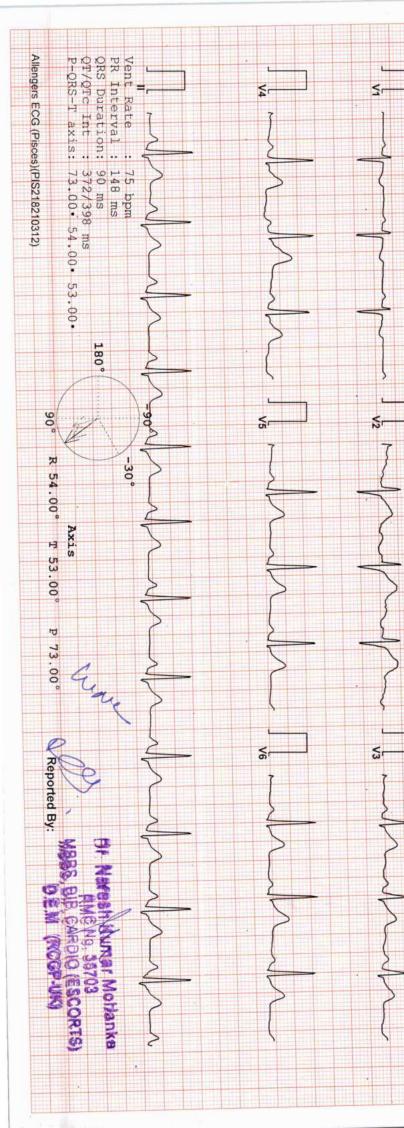
मारतीय विशिष्ट पहचान प्राधिकरण
UNIQUE IDENTIFICATION AUTHORITY OF INDIA

Address:D/O Gopal Sharan Sharma, bugdar, mandrayal, Bugdar, Bugdar,
Karauli, Rajastham, 322249

ECG

DR.GOYAL PATH LAB
1393 / MRS. SHARMA MADHURI / 33 Yrs / F/ Non Smoker
1484 Heart Rate: 75 bpm / Tested On: 17-Aug-23 09:11:47 / HF 0.05 Hz - LF 35 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s / Refd By.: BANK OF BARODA







B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com



:- 17/08/2023 08:41:45

NAME :- Mrs. MADHURI SHARMA

Sex / Age :- Female 33 Yrs 28 Days

Patient ID :-12232464

Ref. By Doctor:-BOB

Lab/Hosp :-

Company :- MediWheel -

Final Authentication: 17/08/2023 10:52:59

BOB PACKAGEFEMALE BELOW 40

ULTRA SOUND SCAN OF ABDOMEN.

Liver is of normal size. Echo-texture is normal. No focal space occupying lesion is seen within liver parenchyma. Intra hepatic biliary channels are not dilated. Portal vein diameter is normal.

Gall bladder is of normal size. Wall is not thickened. No calculus or mass lesion is seen in gall bladder. Common bile duct is not dilated.

Pancreas is of normal size and contour. Echo-pattern is normal. No focal lesion is seen within pancreas.

Spleen is of normal size and shape. Echotexture is normal. No focal lesion is seen.

Kidneys are normally sited and are of normal size and shape. Cortico-medullary echoes are normal. No focal lesion is seen. Collecting system does not show any dilatation or calculus.

IMPRESSION:

No significant abnormality is noted.

Needs clinical correlation & further evaluation

*** End of Report **

Page No: 1 of

ANITASHARMA

Dr. Piyush Goyal M.B.B.S., D.M.R.D. RMC Reg No. 017996 Dr. Pooton Supta MBBS, MD (Hazlo Diagnosis) RMC No. 32495

Dr. Ashish Choudhary MBBS, MD (Radio Diagnosis) : * Fetal Medicine Consultant

Dr. Abhishek Jain MBBS, DNB, (Radio-Diagnosis) RMC No. 21687

Transcript by.



B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

:- 17/08/2023 08:41:45

NAME :- Mrs. MADHURI SHARMA

Sex / Age :- Female 33 Yrs 28 Days

Company :- MediWheel

MITRAL VALVE

Patient ID: -12232464 Ref. By Doctor:-BOB

Lab/Hosp :-

Final Authentication: 17/08/2023 11:21:05

BOB PACKAGEFEMALE BELOW 40 2D ECHO OPTION TMT (ADULT/CHILD)

2D-ECHOCARDIOGRAPHY M.MODE WITH DOPPLER STUDY:

FAIR TRANSTHORACIC ECHOCARIDIOGRAPHIC WINDOW MORPHOLOGY: NORMAL TRICUSPID VALVE NORMAL NORMAL PULMONARY VALVE NORMAL

	NOR	MAAI	DIMAG				
		IVIAL	PULMONARY VALVE			NORMAL	
	M.MODE	EXAMITATION:	op-	179431			
25	mm	LA	26	Mm	IVS-D	7	mm
14	mm	LVID	38	Mm	LVSD	23	mm
9	mm	LVPW-S	14	Mm	RV		mm
	mm	EDV		MI	LVVS		ml
70 %			RWMA		ABSENT		
	9	25 mm 14 mm 9 mm mm	25 mm LA 14 mm LVID 9 mm LVPW-S mm EDV	25 mm LA 26 14 mm LVID 38 9 mm LVPW-S 14 mm EDV	25 mm LA 26 Mm 14 mm LVID 38 Mm 9 mm LVPW-S 14 Mm mm EDV MI	25 mm LA 26 Mm IVS-D 14 mm LVID 38 Mm LVSD 9 mm LVPW-S 14 Mm RV mm EDV MI LVVS	25 mm LA 26 Mm IVS-D 7 14 mm LVID 38 Mm LVSD 23 9 mm LVPW-S 14 Mm RV mm EDV MI LVVS

CHAMBERS:

LA	NORMAL	RA	NORMAL	
LV	NORMAL	RV	NORMAL	
PERICARDIU	М	NORMAL		

COLOUR DOPPLER:

	MI	TRAL VALVI	E					
E VELOCITY	1.23	m/sec	PEAK GRADIENT			Mn	n/hg	
A VELOCITY	0.61	m/sec	MEAN	GRADIEN	г	Mm	n/hg	
MVA BY PHT		Cm2	MVA	BY PLANIM	ETRY	Cm	Cm2	
MITRAL REGURGITAT	TION				ABSENT			
	AC	RTIC VALVE						
PEAK VELOCITY	1.05	m/	sec	PEAK GE	RADIENT	m	m/hg	
AR VMAX		m/	sec	MEAN G	RADIENT	m	mm/hg	
AORTIC REGURGITAT	ION			ABSENT				
	TRIC	CUSPID VAL	VE					
PEAK VELOCITY	0.83	5	m/sec	c PEAK GRADIENT			mm/hg	
MEAN VELOCITY			m/sec	/sec MEAN GRADIENT			mm/hg	
VMax VELOCITY								
TRICUSPID REGURGI	TATION			ABSENT		1		
	PU	LMONARY Y	VALVE					
PEAK VELOCITY		0.72		M/sec. PEAK GRADIENT			Mm/hg	
MEAN VALOCITY					MEAN GRADIENT		Mm/hg	
PULMONARY REGUE	RGITATION				ABSENT			

Page No: 1 of 2

ANITASHARMA

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com



Date :- 17/08/2023 08:41:45 NAME :- Mrs. MADHURI SHARMA

Sex / Age :- Female 33 Yrs 28 Days

Company :- MediWheel

Patient ID: -12232464 Ref. By Doctor:-BOB

Lab/Hosp:-

Final Authentication: 17/08/2023 11:21:05

Impression--

- 1. Normal LV size & contractility
- 2. No RWMA, LVEF 70 %.
- 3. Normal cardiac chamber.
- 4. Normal valve
- 5. No clot, no vegetation, no pericardial effusion.

(Cardiologist)

*** End of Report ***

ANITASHARMA

Page No: 2 of 2

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-30201 MC- 5509

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

Date :- 17/08/2023 08:41:45

NAME :- Mrs. MADHURI SHARMA

Sex / Age :- Female 33 Yrs 28 Days

Company :- MediWheel

Sample Type :- EDTA

Sample Collected Time 17/08/2023 10:01:28

Final Authentication: 17/08/2023 16:09:52

HAEMATOLOGY

Test Name Value Unit Biological Ref Interval

Lab/Hosp :-

BOB PACKAGEFEMALE BELOW 40

GLYCOSYLATED HEMOGLOBIN (HbA1C)
Method:- HPLC

5.9

%

Patient ID: -12232464

Ref. By Dr.- BOB

Non-diabetic: < 5.7 Pre-diabetics: 5.7-6.4 Diabetics: = 6.5 or higher ADA Target: 7.0

ADA Target: 7.0 Action suggested: > 6.5

Instrument name: ARKRAY's ADAMS Lite HA 8380V, JAPAN.

Test Interpretation:

HbA1C is formed by the condensation of glucose with n-terminal valine residue of each beta chain of HbA to form an unstable schiff base. It is the major fraction, constituting approximately 80% of HbA1c. Formation of glycated hemoglobin (GHb) is essentially irreversible and the concentration in the blood depends on both the lifespan of the red blood cells (RBC) (120 days) and the blood glucose concentration. The GHb concentration represents the integrated values for glucose overthe period of 6 to 8 weeks. GHb values are free of day to day glucose fluctuations and are unaffected by recent exercise or food ingestion. Concentration of plasmaglucose concentration in GHb depends on the time interval, with more recent values providing a larger contribution than earlier values. The interpretation of GHbdepends on RBC having a normal life span. Patients with hemolytic disease or other conditions with shortened RBC survival exhibit a substantial reduction of GHb. High GHb have been reported in iron deficiency anemia. GHb has been firmly established as an index of long term blood glucose concentrations and as a measure of the risk for the development of complications in patients with diabetes mellitus. The absolute risk of retinopathy and nephropathy are directly proportional to themean of HbA1c. Genetic variants (e.g. HbS trait, HbC trait), elevated HbF and chemically modified derivatives of hemoglobin can affect the accuracy of HbA1c measurements. The effects vary depending on the specific Hb vatiant or derivative and the specific HbA1c method.

Ref by ADA 2020

MEAN PLASMA GLUCOSE

Method:- Calculated Parameter

123

mg/dL

Non Diabetic < 100 mg/dL Prediabetic 100- 125 mg/dL Diabetic 126 mg/dL or Higher

BANWARI Technologist

Page No: 1 of 12



Dr. Rashmi Bakshi MBBS. MD (Path) RMC No. 17975/008828



B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-30201 MC.

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

Date

:- 17/08/2023 08:41:45 NAME :- Mrs. MADHURI SHARMA

Sample Type :- EDTA

Company :- MediWheel

Sex / Age :- Female 33 Yrs 28 Days

Sample Collected Time 17/08/2023 10:01:28

Patient ID: -12232464 Ref. By Dr:- BOB

Lab/Hosp:-

Final Authentication: 17/08/2023 16:09:52

HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
HAEMOGARAM			
HAEMOGLOBIN (Hb)	10.0 └	g/dL	12.0 - 15.0
TOTAL LEUCOCYTE COUNT	6.12 .	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHIL	52.0	%	40.0 - 80.0
LYMPHOCYTE	37.0	%	20.0 - 40.0
EOSINOPHIL	1.9	%	1.0 - 6.0
MONOCYTE	8.7	%	2.0 - 10.0
BASOPHIL	0.4	%	0.0 - 2.0
NEUT#	3.19	10^3/uL	1.50 - 7.00
LYMPH#	2.01	10^3/uL	1.00 - 3.70
EO#	0.11	10^3/uL	0.00 - 0.40
MONO#	0.70	10^3/uL	0.00 - 0.70
BASO#	0.02	10^3/uL	0.00 - 0.10
TOTAL RED BLOOD CELL COUNT (RBC)	3.86	x10^6/uL	3.80 - 4.80
HEMATOCRIT (HCT)	31.10 └	%	36.00 - 46.00
MEAN CORP VOLUME (MCV)	80.7 L	fL	83.0 - 101.0
MEAN CORP HB (MCH)	25.8 └	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	32.0	g/dL	31.5 - 34.5
PLATELET COUNT	119 └	x10^3/uL	150 - 410
RDW-CV	14.0	%	11.6 - 14.0
MENTZER INDEX	20.91		(A)

The Mentzer index is used to differentiate iron deficiency anemia from beta thalassemia trait. If a CBC indicates microcytic anemia, these are two of the most likely causes, making it necessary to distinguish between them.

If the quotient of the mean corpuscular volume divided by the red blood cell count is less than 13, thalassemia is more likely. If the result is greater than 13, then iron-deficiency anemia is more likely.

BANWARI **Technologist**

Page No: 2 of 12



Dr. Rashmi Bakshi MBBS. MD (Path) RMC No. 17975/008828



B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

:- Mrs. MADHURI SHARMA

:- 17/08/2023 08:41:45 Date

Patient ID: -12232464

Ref. By Dr:- BOB

Lab/Hosp:-

Sex / Age :- Female 33 Yrs 28 Days Company :- MediWheel

Sample Type :- EDTA

NAME

Sample Collected Time 17/08/2023 10:01:28

Final Authentication: 17/08/2023 16:09:52

HAEMATOLOGY

Value Unit **Biological Ref Interval Test Name**

Erythrocyte Sedimentation Rate (ESR)

47 H

mm/hr.

00 - 20

(ESR) Methodology: Measurment of ESR by cells aggregation.

Instrument Name : Indepedent form Hematocrit value by Automated Analyzer (Roller-20)

Interpretation : ESR test is a non-specific indicator ofinflammatory disease and abnormal protein states.

The test in used to detect, follow course of a certain disease (e.g-tuberculosis, rheumatic fever, myocardial infarction

Levels are higher in pregnency due to hyperfibrinogenaemia.

The "3-figure ESR " x>100 value nearly always indicates serious disease such as a serious infection, malignant paraproteinaemia (CBC) het had objected and head of the control of the cont

BANWARI **Technologist**

Page No: 3 of 12



Dr. Rashmi Bakshi MBBS. MD (Path) RMC No. 17975/008828



B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-30201 MC- 5509

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

Date :- 17/08/2023 08:41:45

NAME :- Mrs. MADHURI SHARMA

Sex / Age :- Female 33 Yrs 28 Days

Company :- MediWheel

Sample Type :- PLAIN/SERUM Sample Collected Time 17/08/2023 10:0

Sample Collected Time 17/08/2023 10:01:28 Final Authen

Patient ID: -12232464

Ref. By Dr:- BOB

Lab/Hosp:-

Final Authentication: 17/08/2023 11:19:52

BIOCHEMISTRY

	DIOCERDIN		
Test Name	Value	Unit	Biological Ref Interval
LIPID PROFILE			
TOTAL CHOLESTEROL Method:- Enzymatic Endpoint Method	140.77	mg/dl	Desirable <200 Borderline 200-239 High> 240
TRIGLYCERIDES Method:- GPO-PAP	66.09	mg/dl	Normal <150 Borderline high 150-199 High 200-499 Very high >500
DIRECT HDL CHOLESTEROL Method:- Direct clearance Method	45.97	mg/dl	Low < 40 High > 60
DIRECT LDL CHOLESTEROL Method:- Direct clearance Method	83.79	mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
VLDL CHOLESTEROL Method:- Calculated	13.22	mg/dl	0.00 - 80.00
T.CHOLESTEROL/HDL CHOLESTEROL RATIO Method:- Calculated	3.06		0.00 - 4.90
LDL / HDL CHOLESTEROL RATIO Method:- Calculated	1.82		0.00 - 3.50
TOTAL LIPID Methods CALCULATED	403.08	mg/dl	400.00 - 1000.00

TOTAL CHOLESTEROL InstrumentName: Randox Rx Imola Interpretation: Cholesterol measurements are used in the diagnosis and treatments of lipid lipoprotein metabolism disorders.

TRIGLYCERIDES InstrumentName: Randox Rx Imola Interpretation: Trigly ceride measurements are used in the diagnosis and treatment of diseases involving lipid metabolism and various endocrine disorders e.g. diabetes mellitus, nephrosis and liver obstruction.

DIRECT HDLCHOLESTERO InstrumentName:Randox Rx Imola Interpretation: An inverse relationship between HDL-cholesterol (HDL-C) levels in serum and the incidence/prevalence of coronary heart disease (CHD) has been demonstrated in a number of epidemiological studies. Accurate measurement of HDL-C is of vital importance when assessing patient risk from CHD. Direct measurement gives improved accuracy and reproducibility when compared to precipitation methods.

DIRECT LDL-CHOLESTEROL InstrumentName: Randox Rx Imola Interpretation: Accurate measurement of LDL-Cholesterol is of vital importance in therapies which focus on lipid reduction to prevent atherosclerosis or reduce its progress and to avoid plaque rupture.

TOTAL LIPID AND VLDL ARE CALCULATED

AJAYKUMAR

Page No: 4 of 12



B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-30201 MC- 5509

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

:- 17/08/2023 08:41:45 Date NAME :- Mrs. MADHURI SHARMA

33 Yrs 28 Days Sex / Age :- Female

Company :- MediWheel Sample Type :- PLAIN/SERUM Patient ID: -12232464 Ref. By Dr:- BOB

Lab/Hosp:-

Final Authentication: 17/08/2023 11:35:03

Sample Collected Time 17/08/2023 10:01:28

DIOCHEMICTOV

BIOCHEMISTRY							
Test Name	Value	Unit	Biological Ref Interval				
LIVER PROFILE WITH GGT							
SERUM BILIRUBIN (TOTAL) Method:- Colorimetric method	0.48	mg/dl	Up to - 1.0 Cord blood <2 Premature < 6 days <16 Full-term < 6 days = 12 1month - <12 months <2 1-19 years <1.5 Adult - Up to - 1.2 Ref-(ACCP 2020)				
SERUM BILIRUBIN (DIRECT) Method:- Colorimetric Method	0.22	mg/dL	Adult - Up to 0.25 Newborn - <0.6 >- 1 month - <0.2				
SERUM BILIRUBIN (INDIRECT) Method:- Calculated	0.26	mg/dl	0.30-0.70				
SGOT Method:- IFCC	22.3	U/L	Men- Up to - 37.0 Women - Up to - 31.0				
SGPT Method:- IFCC	25.5	U/L	Men- Up to - 40.0 Women - Up to - 31.0				
SERUM ALKALINE PHOSPHATASE Method:-AMP Buffer	53.40	IU/L	30.00 - 120.00				
SERUM GAMMA GT Method:- IFCC	16.50	U/L	7.00 - 32.00				
SERUM TOTAL PROTEIN Method:- Biuret Reagent	7.01	g/dl	6.40 - 8.30				
SERUM ALBUMIN Method:- Bromocresol Green	4.31	g/dl	3.80 - 5.00				
SERUM GLOBULIN Method:-CALCULATION	2.70	gm/dl	2.20 - 3.50				
A/G RATIO	1.60		1.30 - 2.50				

Total BilirubinMethodology:Colorimetric method InstrumentName:Randox Rx Imola Interpretation An increase in bilirubin concentration in the serum occurs in toxic or infectious diseases of the liver e.g. hepatitis B or obstruction of the bile duct and in thesus incompatible babies. High levels of unconjugated bilirubin indicate that too much haemoglobin is being destroyed or that the liver is not actively treating the haemoglobin it is receiving.

AST Aspartate Aminotransferase Methodology, IFCC InstrumentName Randox Rx Imola Interpretation: Elevated levels of AST can signal myocardial infarction, hepatic disease, muscular dystrophy and organ damage. Although heart muscle is found to have the most activity of the enzyme, significant activity has also been seen in the brain, liver, gastric mucosa, adipose tissue and kidneys of hu ALT Alanine Aminotransferase Methodology: IFCCInstrumentName:Randox Rx Imola Interpretation: The enzyme ALT has been found to be in highest concentrations in the liver, with decreasing concentrations found in kidney, heart, skeletal muscle, pancreas, spleen and lung tissue respectively. Elevated levels of the transaminases can indicate myocardial infarction, hepatic disease, muscular

Alkaline Phosphatase Methodology: AMP Buffer InstrumentName: Randox Rx Imola Interpretation: Measurements of alkaline phosphatase are of use in the diagnosis, treatment and investigation of hepatobilary disease and in bone disease associated with increased osteoblastic activity. Alkaline phosphatase is also used in the diagnosis of parathyroid and intestinal disease.

TOTAL PROTEIN Methodology. Biuret Reagent InstrumentName. Randox Rx Imola Interpretation: Measurements obtained by this method are used in the diagnosis and treatment of a variety of diseases involving the liver, kidney and bone marrow as well as other metabolic or nutritional disorders.

ALBUMIN (ALB) Methodology: Bromocresol Green InstrumentName:Randox Rx Imola Interpretation: Albumin measurements are used in the diagnosis and treatment of numerous diseases involving primarily the liver or kidneys. Globulin & A/G ratio is calculated.

Instrument Name Randox Rx Imola Interpretation: Elevations in GGT levels are seen earlier and more pronounced than those with other liver enzymes in cases of obstructive jaundice and metastatic neoplasms. It may reach 5 to 30 times normal levels in intra-or post-hepatic biliary obstruction. Only moderate elevations in the enzyme level (2 to 5 times normal)

AJÄYKUMAR

Page No: 5 of 12





B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

Date :- 17/08/2023 08:41:45

NAME :- Mrs. MADHURI SHARMA

Patient ID :-12232464 Ref. By Dr:- BOB Sex / Age :- Female

33 Yrs 28 Days

Lab/Hosp:-

Company :- MediWheel

Sample Type :- PLAIN/SERUM

Sample Collected Time 17/08/2023 10:01:28

Final Authentication: 17/08/2023 11:03:41

IMMUNOASSAY

Test Name	Value	Unit	Biological Ref Interval
TOTAL THYROID PROFILE			
SERUM TOTAL T3 Method:- Chemiluminescence(Competitive immunoassay)	1.326	ng/ml	0.970 - 1.690
SERUM TOTAL T4 Method:- Chemiluminescence(Competitive immunoassay)	8.045	ug/dl	5.500 - 11.000
SERUM TSH ULTRA Method:- Enhanced Chemiluminescence Immunoassay	2.648	$\mu IU/mL$	0.350 - 5.500

Interpretation: Triiodothyronine (T3) contributes to the maintenance of the euthyroid state. A decrease in T3 concentration of up to 50% occurs in a variety of clinical situations, including acute and chronic disease. Although T3 results alone cannot be used to diagnose hypothyroidism, T3 concentration may be more sensitive than thyroxine (T4) for hyperthyroidism. Consequently, the total T3 assay can be used in conjunction with other assays to aid in the differential diagnosis of thyroid disease. T3 concentrations may be altered in some conditions, such as pregnancy, that affect the capacity of the thyroid hormone-binding proteins. Under such conditions, Free T3 can provide the best estimate of the metabolically active hormone concentration. Alternatively, T3 uptake, or T4 uptake can be used with the total T3 result to calculate the free T3 index and estimate the concentration of free T3.

Interpretation: The measurement of Total T4 aids in the differential diagnosis of thyroid disease. While >99.9% of T4 is protein-bound, primarily to thyroxine-binding globulin (TBG), it is the free fraction that is biologically active. In most patients, the total T4 concentration is a good indicator of thyroid status. T4 concentrations may be altered in some conditions, such as pregnancy, that affect the capacity of the thyroid hormone-binding proteins. Under such conditions, free T4 can provide the best estimate of the metabolically active hormone concentration. Alternatively, T3 uptake may be used with the total T4 result to calculate the free T4 index (FT4I) and estimate the concentration of free T4.Some drugs and some nonthyroidal patient conditions are known to alter TT4 concentrations in vivo.

Interpretation: TSH stimulates the production of thyroxine (T4) and triiodothyronine (T3) by the thyroid gland. The diagnosis of overt hypothyroidism by the finding of a low total T4 or free T4 concentration is readily confirmed by a raised TSH concentration. Measurement of low or undetectable TSH concentrations may assist the diagnosis of hyperthyroidism, where concentrations of T4 and T3 are elevated and TSH secretion is suppressed. These have the advantage of discriminating between the concentrations of TSH observed in thyrotoxicosis, compared with the low, but detectable, concentrations that occur in subclinical hyperthyroidism. The performance of this assay has not been established for neonatal specimens. Some drugs and some nonthyroidal patient conditions are known to alter TSH concentrations in vivo.

INTERPRETATION

PREGNANCY	REFERENCE RANGE FOR TSH IN uIU/mL (As per American Thyroid Association)
1st Trimester	0.10-2.50
2nd Trimester	0.20-3.00
3rd Trimester	0.30-3.00

AJAYKUMAR Technologist

Page No: 6 of 12



Dr. Chandrika Gupta MBBS.MD (Path) RMC NO. 21021/008037

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019MC- 5509

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

Date

:- 17/08/2023 08:41:45

NAME :- Mrs. MADHURI SHARMA

Sex / Age :- Female 33 Yrs 28 Days

Sample Type :- URINE

Company :- MediWheel

Patient ID :-12232464

Ref. By Dr:- BOB

Lab/Hosp:-

Sample Collected Time 17/08/2023 10:01:28 Final Authentication: 17/08/2023 13:26:43

CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
Urine Routine			
PHYSICAL EXAMINATION			
COLOUR	PALE YEI	LOW	PALE YELLOW
APPEARANCE	Clear		Clear
CHEMICAL EXAMINATION			
REACTION(PH) Method:- Reagent Strip(Double indicatior blue reaction)	5.5		5.0 - 7.5
SPECIFIC GRAVITY Method:- Reagent Strip(bromthymol blue)	1.025		1.010 - 1.030
PROTEIN Method:- Reagent Strip (Sulphosalicylic acid test)	NIL		NIL
GLUCOSE Method:- Reagent Strip (Glu.Oxidase Peroxidase Benedict)	NIL .		NIL
BILIRUBIN Method:- Reagent Strip (Azo-coupling reaction)	NEGATIV	Е	NEGATIVE
UROBILINOGEN Method:- Reagent Strip (Modified ehrlich reaction)	NORMAL		NORMAL
KETONES Method:- Reagent Strip (Sodium Nitropruside) Rothera's	NEGATIV	E	NEGATIVE
NITRITE Method:- Reagent Strip (Diazotization reaction)	NEGATIV	Е	NEGATIVE
MICROSCOPY EXAMINATION			
RBC/HPF	NIL	/HPF	NIL
WBC/HPF	2-3	/HPF	2-3
EPITHELIAL CELLS	2-3	/HPF	2-3
CRYSTALS/HPF	ABSENT		ABSENT
CAST/HPF	ABSENT		ABSENT
AMORPHOUS SEDIMENT	ABSENT		ABSENT
BACTERIAL FLORA	ABSENT		ABSENT
YEAST CELL	ABSENT		ABSENT
OTHER	ABSENT		

VIJENDRAMEENA Technologist

Page No: 7 of 12



Dr. Chandrika Gupta MBBS.MD (Path) RMC NO. 21021/008037

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019 Tele: 0141-2293346, 4049787, 9887049787 Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

:- 17/08/2023 08:41:45

NAME :- Mrs. MADHURI SHARMA

Sex / Age :- Female 33 Yrs 28 Days

Sample Type :- STOOL

Company :- MediWheel

Patient ID: -12232464

Ref. By Dr:- BOB

Lab/Hosp:-

Final Authentication: 17/08/2023 13:26:43

Sample Collected Time 17/08/2023 10:01:28 CLINICAL PATHOLOGY

Test Name

Value

Unit

Biological Ref Interval

STOOL ANALYSIS

PHYSICAL EXAMINATION

MUCUS

BLOOD

MICROSCOPIC EXAMINATION

RBC's

WBC/HPF

OVA

CYSTS

OTHERS Collected Sample Received

/HPF

/HPF

VIJENDRAMEENA **Technologist**

Page No: 8 of 12



Dr. Chandrika Gupta MBBS.MD (Path) RMC NO. 21021/008037

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

Date :- 17/08/2023 08:41:45

Patient ID: -12232464 Ref. By Dr:- BOB NAME :- Mrs. MADHURI SHARMA

Sex / Age :- Female 33 Yrs 28 Days Lab/Hosp:-

Company :- MediWheel Sample Type :- KOx/Na FLUORIDE-F, KOx/Na Sabbipte IOthle Red LTAIN SER 12023 12:12:05

Final Authentication: 17/08/2023 13:16:08

BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
FASTING BLOOD SUGAR (Plasma) Method:- GOD PAP	81.0	mg/dl	75.0 - 115.0
Impaired glucose tolerance (IGT)	1	11 - 125 mg/dL	
Diabetes Mellitus (DM)	>	126 mg/dL	

Instrument Name: Randox Rx Imola Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm, hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels (hypoglycemia) may result from excessive insulin therapy or various liver diseases .

BLOOD SUGAR PP (Plasma) 98.1 mg/dl 70.0 - 140.0 Method:- GOD PAP

Instrument Name: Randox Rx Imola Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm, hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels(hypoglycemia) may result from excessive insulin therapy or various liver diseases.

SERUM CREATININE Method:- Colorimetric Method	0.76	mg/dl	Men - 0.6-1.30 Women - 0.5-1.20
SERUM URIC ACID Method:- Enzymatic colorimetric	3.08	mg/dl	Men - 3.4-7.0 Women - 2.4-5.7

AJAYKUMAR

Page No: 9 of 12



B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

Date

:- 17/08/2023 08:41:45

NAME :- Mrs. MADHURI SHARMA

Company :- MediWheel

Sex / Age :- Female 33 Yrs 28 Days

Patient ID: -12232464

Ref. By Dr:- BOB

Lab/Hosp:-

HAEMATOLOGY

Test Name

Value

Unit

Biological Ref Interval

AJAYKUMAR, ANITASHARMA, BANWARI, MUKESHSINGH, VIJENDRAMEENA

Page No: 10 of 12



B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

Date :- 17/08/2023 08:41:45

NAME :- Mrs. MADHURI SHARMA

Sex / Age :- Female 33 Yrs 28 Days

Company :- MediWheel
Sample Type :- EDTA, URINE

Patient ID: -12232464

Ref. By Dr:- BOB

Lab/Hosp :-

Sample Collected Time 17/08/2023 10:01:28 Final Authentication: 17/08/2023 16:09:52

HAEMATOLOGY

Test Name Value Unit Biological Ref Interval

BLOOD GROUP ABO

"A"POSITIVE

BLOOD GROUP ABO Methodology: Haemagglutination reaction Kit Name: Monoclonal agglutinating antibodies (Span clone).

URINE SUGAR (FASTING)
Collected Sample Received

Nil

Nil

BANWARI, VIJENDRAMEENA Technologist

Page No: 11 of 12



Dr. Rashmi Bakshi MBBS. MD (Path) RMC No. 17975/008828 Dr. Chandrika Gupta

Dr. Goyal's

Path Lab & Imaging Centre

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019

Tele: 0141-2293346, 4049787, 9887049787

Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

Date

:- 17/08/2023 08:41:45

NAME :- Mrs. MADHURI SHARMA

Sex / Age :- Female 33 Yrs 28 Days

Company:- MediWheel

BLOOD UREA NITROGEN (BUN)

Sample Type :- PLAIN/SERUM

Sample Collected Time 17/08/2023 10:01:28

Lab/Hosp:-

Patient ID: -12232464

Ref. By Dr:- BOB

Final Authentication: 17/08/2023 16:40:23

Biological Ref Interval

BIOCHEMISTRY

Test Name

Value 9.0

mg/dl

Unit

0.0 - 23.0

*** End of Report ***

MUKESHSINGH

Page No: 12 of 12

