: Mr. BIBIN JENALD D Name

PID No. : MED111148883 Register On : 11/06/2022 8:19 AM : 922033482 SID No. Collection On : 11/06/2022 9:04 AM Age / Sex : 28 Year(s) / Male Report On : 11/06/2022 5:49 PM



Type : OP : 12/06/2022 12:39 PM **Printed On** 

Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interval
<b>HAEMATOLOGY</b>			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	15.25	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	44.2	%	42 - 52
RBC Count (EDTA Blood)	4.71	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood)	93.9	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	32.4	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	34.5	g/dL	32 - 36
RDW-CV (EDTA Blood)	13.3	%	11.5 - 16.0
RDW-SD (EDTA Blood)	43.71	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	5690	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood)	46.83	%	40 - 75
Lymphocytes (EDTA Blood)	38.56	%	20 - 45
Eosinophils (EDTA Blood)	9.91	%	01 - 06
Monocytes (EDTA Blood)	4.50	%	01 - 10
Basophils (EDTA Blood)	0.20	%	00 - 02



 PID No.
 : MED111148883
 Register On
 : 11/06/2022 8:19 AM

 SID No.
 : 922033482
 Collection On
 : 11/06/2022 9:04 AM

 Age / Sex
 : 28 Year(s) / Male
 Report On
 : 11/06/2022 5:49 PM



Ref. Dr : MediWheel

Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
INTERPRETATION: Tests done on Automated Five Pa	art cell counter. All	abnormal results are	reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	2.66	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	2.19	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.56	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.26	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood)	0.01	10^3 / μl	< 0.2
Platelet Count (EDTA Blood)	267.0	10^3 / μl	150 - 450
MPV (EDTA Blood)	7.94	fL	7.9 - 13.7
PCT (EDTA Blood/Automated Blood cell Counter)	0.21	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (EDTA Blood)	2	mm/hr	< 15



 PID No.
 : MED111148883
 Register On
 : 11/06/2022 8:19 AM

 SID No.
 : 922033482
 Collection On
 : 11/06/2022 9:04 AM

 Age / Sex
 : 28 Year(s) / Male
 Report On
 : 11/06/2022 5:49 PM

(\*) MEDALL

Ref. Dr : MediWheel

Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<b>BIOCHEMISTRY</b>			
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.56	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.09	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.47	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/ <i>Modified IFCC</i> )	<-0.14	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	<-3.14	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	20.23	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	56.7	U/L	53 - 128
Total Protein (Serum/Biuret)	7.57	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	5.10	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.47	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	2.06		1.1 - 2.2



**VERIFIED BY** 



 PID No.
 : MED1111148883
 Register On
 : 11/06/2022 8:19 AM

 SID No.
 : 922033482
 Collection On
 : 11/06/2022 9:04 AM

 Age / Sex
 : 28 Year(s) / Male
 Report On
 : 11/06/2022 5:49 PM



Type : OP Printed On : 12/06/2022 12:39 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	192.98	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	63.24	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

**INTERPRETATION:** The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the "usual" circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	55.18	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	125.2	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	12.6	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	137.8	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

**INTERPRETATION:** 1. Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol. 2. It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.



**VERIFIED BY** 



**APPROVED BY** 

The results pertain to sample tested.

Page 4 of 11

 PID No.
 : MED111148883
 Register On
 : 11/06/2022 8:19 AM

 SID No.
 : 922033482
 Collection On
 : 11/06/2022 9:04 AM

 Age / Sex
 : 28 Year(s) / Male
 Report On
 : 11/06/2022 5:49 PM

MEDALL

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	3.5		Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0
Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated)	1.1		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	2.3		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0



**VERIFIED BY** 



 PID No.
 : MED111148883
 Register On
 : 11/06/2022 8:19 AM

 SID No.
 : 922033482
 Collection On
 : 11/06/2022 9:04 AM

 Age / Sex
 : 28 Year(s) / Male
 Report On
 : 11/06/2022 5:49 PM



Type : OP Printed On : 12/06/2022 12:39 PM

Ref. Dr : MediWheel

<u>Investigation</u>	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/ <i>HPLC</i> )	5.2	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

INTERPRETATION: If Diabetes - Good control: 6.1 - 7.0 %, Fair control: 7.1 - 8.0 %, Poor control >= 8.1 %

Estimated Average Glucose 102.54 mg/dL

(Whole Blood)

## **INTERPRETATION: 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.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency,

hypertriglyceridemia,hyperbilirubinemia,Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbAlC values. Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly,Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbAlc.



VERIFIED BY



 PID No.
 : MED1111148883
 Register On
 : 11/06/2022 8:19 AM

 SID No.
 : 922033482
 Collection On
 : 11/06/2022 9:04 AM

 Age / Sex
 : 28 Year(s) / Male
 Report On
 : 11/06/2022 5:49 PM

(\*) MEDALL

Type : OP Printed On : 12/06/2022 12:39 PM

Ref. Dr : MediWheel

<u>Investigation</u> <u>Observed</u> <u>Unit</u> <u>Biological</u>
Value Reference Interval

# **IMMUNOASSAY**

## THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total **0.475** ng/ml 0.7 - 2.04

(Serum/ECLIA)

## INTERPRETATION:

#### **Comment:**

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.

T4 (Tyroxine) - Total 1.82 μg/dl 4.2 - 12.0

(Serum/ECLIA)

#### INTERPRETATION:

#### Comment:

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

TSH (Thyroid Stimulating Hormone) >100.0 (Rechecked) µIU/mL 0.35 - 5.50

(Serum/ECLIA)

## INTERPRETATION:

Reference range for cord blood - upto 20

1 st trimester: 0.1-2.5 2 nd trimester 0.2-3.0 3 rd trimester: 0.3-3.0

(Indian Thyroid Society Guidelines)

#### **Comment:**

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI.

2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM. The variation can be of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.

3. Values&amplt,0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.



**VERIFIED BY** 



 PID No.
 : MED111148883
 Register On
 : 11/06/2022 8:19 AM

 SID No.
 : 922033482
 Collection On
 : 11/06/2022 9:04 AM

 Age / Sex
 : 28 Year(s) / Male
 Report On
 : 11/06/2022 5:49 PM



Type : OP Printed On : 12/06/2022 12:39 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u>	<u>Unit</u>	<u>Biological</u>
-	<u>Value</u>		Reference Interval

# **CLINICAL PATHOLOGY**

# PHYSICAL EXAMINATION (URINE COMPLETE)

Colour	Pale yellow	Yellow to Amber
(I Inima)		

(Urine)

Appearance Clear Clear

(Urine)

Volume(CLU) 15

(Urine)

# <u>CHEMICAL EXAMINATION (URINE COMPLETE)</u>

рH	5.5	4.5 - 8.0

(Urine)

Specific Gravity 1.009 1.002 - 1.035

(Urine)

Ketone Negative Negative

(Urine)

Urobilinogen Normal Normal

(Urine)

Blood Negative Negative

(Urine)

Nitrite Negative Negative

(Urine)

Bilirubin Negative Negative

(Urine)

Protein Negative Negative

(Urine)

Glucose Negative Negative

(Urine/GOD - POD)





 PID No.
 : MED111148883
 Register On
 : 11/06/2022 8:19 AM

 SID No.
 : 922033482
 Collection On
 : 11/06/2022 9:04 AM

 Age / Sex
 : 28 Year(s) / Male
 Report On
 : 11/06/2022 5:49 PM



Ref. Dr : MediWheel

Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Leukocytes(CP)	Negative		
(Urine)			
<u>MICROSCOPIC EXAMINATION</u> ( <u>URINE COMPLETE</u> )			
Pus Cells	0-2	/hpf	NIL
(Urine)		-	
Epithelial Cells	0-1	/hpf	NIL
(Urine)			
RBCs	NIL	/hpf	NIL
(Urine)			
Others	NIL		
(Urine)			
<b>INTERPRETATION:</b> Note: Done with Automated reviewed and confirmed microscopically.	Urine Analyser & Auton	nated urine sec	limentation analyser. All abnormal reports are
Casts	NIL	/hpf	NIL
(Urine)			

NIL

/hpf

DR. VANITHA.R.SWAMY MD Consultant Pathologist Reg No : 99049 VERIFIED BY

Crystals

(Urine)



APPROVED BY

NIL

 PID No.
 : MED1111148883
 Register On
 : 11/06/2022 8:19 AM

 SID No.
 : 922033482
 Collection On
 : 11/06/2022 9:04 AM

 Age / Sex
 : 28 Year(s) / Male
 Report On
 : 11/06/2022 5:49 PM

MEDALL

Type : OP Printed On : 12/06/2022 12:39 PM

Ref. Dr : MediWheel

<u>Investigation</u>	Observed Value	<u>Unit</u>	Biological Reference Interval
<b>BIOCHEMISTRY</b>			
BUN / Creatinine Ratio	10		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	83.69	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

**INTERPRETATION:** Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose, Fasting (Urine)	Negative		Negative
(Urine - F/GOD - POD)			
Glucose Postprandial (PPBS)	63.43	mg/dL	70 - 140
(Plasma - PP/GOD-PAP)			

# INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Urine Glucose(PP-2 hours) (Urine - PP)	Negative		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	8.1	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe)	0.92	mg/dL	0.9 - 1.3

INTERPRETATION: Elevated Creatinine values are encountered in increased muscle mass, severe dehydration, Pre-eclampsia, increased ingestion of cooked meat, consuming Protein/ Creatine supplements, Diabetic Ketoacidosis, prolonged fasting, renal dysfunction and drugs such as cefoxitin, cefazolin, ACE inhibitors, angiotensin II receptor antagonists, N-acetylcyteine, chemotherapeutic agent such as flucytosine etc.

Uric Acid 5.86 mg/dL 3.5 - 7.2 (Serum/Enzymatic)



**VERIFIED BY** 



 PID No.
 : MED111148883
 Register On : 11/06/2022 8:19 AM

 SID No.
 : 922033482
 Collection On : 11/06/2022 9:04 AM

 Age / Sex : 28 Year(s) / Male
 Report On : 11/06/2022 5:49 PM



**Type**: OP **Printed On**: 12/06/2022 12:39 PM

Ref. Dr : MediWheel

InvestigationObservedUnitBiologicalValueReference Interval

# **IMMUNOHAEMATOLOGY**

BLOOD GROUPING AND Rh TYPING

 $(\hbox{EDTA Blood} Agglutination)$ 

'B' 'Positive'

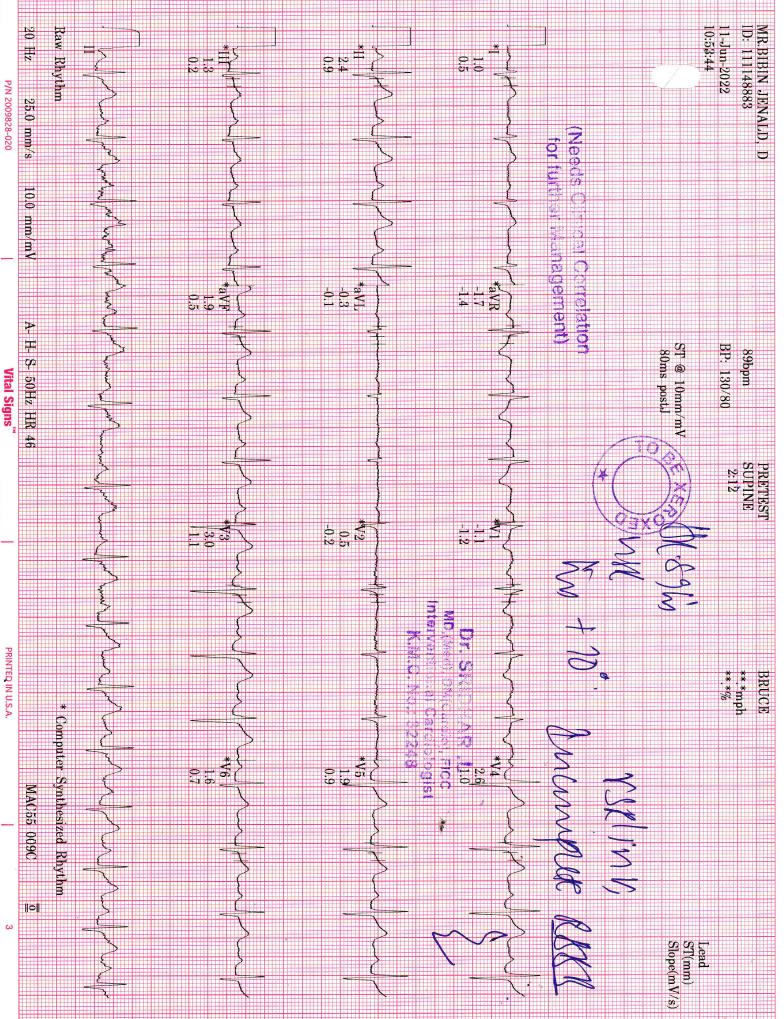


**VERIFIED BY** 



**APPROVED BY** 

-- End of Report --



Customer Name	NIR Dibin Jenala. D.	Customer ID	WED
Age & Gender	284s male	Visit Date	11.6.0022

Mediwhelp

Eye Screening

With spectacles / without spectacles (strike out whichever is not applicable)

Near Vision

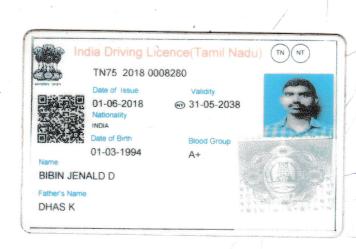
Right Eye 6 / 6Distance Vision 6 / 6Colour Vision

Right Eye 6 / 6 6 / 6 6 / 6 6 / 6 6 / 6 6 / 6

Observation / Comments:

Doth eye vision normal.

CLUMAX DIAGNOSTICS & RESEARCH CENTRE PVT.LTD #88/160/3, "Sri Lakshmi Towers" 9th Mein, 3rd Block, Jayanagar BANGALORE - 560 011



# TABULAR SUMMARY REPORT

P/N 2009828-020		Technician: KOMS							RECOVERY				EXERCISE	PRETEST	Phase Name	789.1	10:51:33 ) Refer		MR.BIBIN JENALD, D
	CLU								Post	STAGE 4	STAGE 3	STAGE 2	STAGE 1	SUPINE	Stage Name	ilia: ini) Scalening	Referred by: MEDIWHEEL	28 years	
Vital Signs	CLUMAX DIAGNOSTICS								5:06	1:02	3:00	3:00	3:00	2:43	Time in Stage	\(\sigma^0		Male	
gns	GA.								. <del>X</del> .×	4.2	3,4	£3 07	1	0.2	Speed (mph)	*****	Commo S	Max Reaso	BRUCE Vax Hr
		Unconfi							* * *	16.0	14.0	12.0	10.0	0.0	Grade (%)	****DR.SRIDHAR.L	Comments: GOOD EFFORT TO NO SIGNIFICANT ST T CHANG NO ANGINA / ARRHYTHMIAS OF IMP-STRESS TEST IS NEGA	Max BP: 130/80 Reason for Terminati	HR 154ham 8
PRIN		firmed							1.0	111.8	10.1	7.0	4.6	)— A	WorkLoad (METS)		EFFORT TOL	on: Patie	154hom 80% of max predicted 192hom
PRINTED IN U.S.A.									06 12	154	133	116	Ĭ00	74	(bpm) B	CARD	S SEEN DUR S FOR INDU	ximum worklos	Total Exercise time: 10:02
	MAC55 009C									S S S S S S S S S S S S S S S S S S S			() ()	130/80	BPV RI	MD DM FICC CARDWOLOGIST ****	GOOD EFFORT TOLERANCE. NORMAL HR & BP RESPONSE ICANT ST T CHANGES SEEN DURING EXE OR RECOVERY A / ARRHYTHMIAS  SS TEST IS NEGATIVE FOR INDUCIBLE ISCHEMIA **  ***  ***  ***  ***  ***  ***  **	Maximum workload: 11.8METS	ne: 10:02
ū.	)09C													96	RPP (x100)	, AGEMENT	P RESPONSE RECOVERY IMIA **		2
ယ											<u>()</u>	>	1	¥	b			100hz	25.0 mm/s 10.0 mm/mV



Name '	MR.BIBIN JENALD D	ID	MED111148883
Age & Gender	28Y/MALE	Visit Date	11/06/2022
Ref Doctor	MediWheel		

# ABDOMINO-PELVIC ULTRASONOGRAPHY

**LIVER** is normal in shape, size and has uniform echopattern. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER show normal shape and has clear contents.
Gall bladder wall is of normal thickness.
CBD is of normal calibre.

**PANCREAS** has normal shape, size and uniform echopattern. No evidence of ductal dilatation or calcification.

SPLEEN show normal shape, size and echopattern.

No demonstrable Para -aortic lymphadenopathy.

**KIDNEYS** move well with respiration and have normal shape, size and echopattern. Cortico- medullary differentiations are well madeout.

No evidence of calculus or hydronephrosis.

The kidney measures as follows

	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	9.5	1.3
Left Kidney	9.0	1.0

**URINARY BLADDER** show normal shape and wall thickness. It has clear contents. No evidence of diverticula.

PROSTATE shows normal shape, size and echopattern.

No evidence of ascites.

Impression: Essentially normal study

CONSULTANT RADIOLOGISTS:

DR. H. K. ANAND Hbp/d

DR. MAHESH. M. S

DR. HIMA BINDU.P

#71, 1st Main, 1st Cross, New Thippasandra, HAL 3rd Stage, Bengaluru - 560 038. Tel: (91-80) 4252 7777, E-mail: clumax.indiranagar@medall.in www.medall.in



Name	BIBIN JENALD D	Customer ID	MED111148883
Age & Gender	28Y/M	Visit Date	Jun 11 2022 8:18AM
Ref Doctor	MediWheel		

# X - RAY CHEST PA VIEW

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral hilar regions appear normal.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

Impression: Essentially normal study.

DR. HIMA BINDU P

CONSULTANT RADIOLOGIST