



# Breast Health Report Thermalytix® 180

Patient ID: CINR\_162595

# **General Details**

Name: Divya V Thulasidasan Centre: Apollo Clinic Indiranagar

Age: 43 Report Generation Date: Feb 10, 2024, 4:35 PM

 Gender:
 Female
 Scan Date:
 Feb 10, 2024, 11:59 AM

Clinical Details

LMP: 23/01/2024 Hormone Therapy: None.

Pregnant/Lactating: No. Number of children breast-fed: 1

Patient Complaints: None

Cancer History: No patient cancer history. No family cancer history.

Surgeries: None.

# Thermalytix Scores

Body Temperature: 31.66 °C to 36.59 °C

Hotspot Score: 0.07 Hotspot Symmetry: 100 %

Areolar Score: 0.02 Areolar Symmetry: 100 %

Vascular Score: 0.1 Ensemble Score: 0.02

B Score: 1

# Thermal Analysis

Thermal Parameters	Right Breast	Left Breast
Number of Hotspots	0	0
Extent	N/A	N/A
Hotspot Shape	N/A	N/A
Temperature	N/A	N/A
Areolar Hotspot Detected	No	No
Lump Detected	N/A	N/A







# Breast Health Report Thermalytix® 180

Patient ID: CINR\_162595

# Impression

Right Breast	No focal thermal increase is seen. Warm thermal pattern is noted.
Left Breast	No focal thermal increase is seen. Warm thermal pattern is noted.

# Recommendation

Normal Thermal Scan.

Dr.H.V.RAMPRAKASH MBBS.DMRD.,MD.
Cli.Thermography (ACCT.,usa)
IMAGING SPECIALIST

Write to **support@niramai.com** for detailed report. Additional charges may apply.





# Breast Health Report Thermalytix® 180

Patient ID: CINR\_162595

#### **About Niramai**

# Indication of Use:

Thermalytix ® is a medical device intended to be used for screening and early diagnosis of breast cancer in women above 18 years in a hospital, healthcare practitioner facilities, or in an environment where patient care is provided by healthcare personnel. It can also be used as an adjunct to screening mammography or breast ultrasound. Women who are found to be suspicious for malignancy by Thermalytix ® should be referred for a confirmatory diagnostic test. Primary diagnostic and patient management decisions are made by a qualified healthcare professional.

#### Intended Use:

Thermalytix ® is a medical device for the detection of breast lesions with suspected malignancy. The device is intended to assist a trained healthcare professional in risk assessment, screening, and early diagnosis of breast cancer in both asymptomatic and symptomatic women.



No Touch



No Pain



No See



No Radiation

This report has been generated using novel algorithm developed by Niramai which uses artificial intelligence for quantitative analysis of thermal images.

NIRAMAI is a health tech company with a mission to save lives by enabling early detection of breast cancer. Thermalytix\* is an AI-based computer-aided diagnostic engine developed by Niramai that detects breast abnormalities in privacy aware manner.

Thermalytix\* uses a high resolution thermal sensing device and an intelligent software solution for analysing thermal images for reliable, early and accurate breast cancer screening.

To know more about Thermalytix\* https://www.niramai.com/about/thermalytix/



Name : Mrs. Divya V Thulasidasan

Age: 43 Y

Sex: F

Address: bangalore

Plan

: ARCOPEMI MEDIWHEEL FEMALE AHC CREDIT PAN

INDIA OF AGREEMENT.

UHID:CINR.0000162595



OP Number:CINROPV218596

Bill No :CBNR-OCR-93782 Date : 10.02,2024 09:29

Sno	Serive Type/ServiceName	Department
į.	ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D	ECHO - PAN INDIA - PY2324
4t	GAMMA GLUTAMYL TRANFERASE (GGT)	
	2DECHO - 9	
9	LIVER FONCTION TEST (LET)	
4·	GLÜCOSE, FASTING	
,, <del>5</del>	HEMOGRAM - PERIPHERAL SMEAR	
16	GYNAUCOLOGY CONSULTATION	
7	DIET CONSULTATION	
	COMPLETE URINE EXAMINATION	
ور	GRUNE GLUCOSE(POST PRANDIAL)	
10سر	PERTUHERAL SMEAR	
راز د	eco ←	
્રાત્રજ	EBC PAPTEST- PAPSURE NOVEONE	
~13	RENAL PROFILE/RENAL FUNCTION TEST (RFT/KFT)	
14	DENTAL CONSULTATION & U	
15	GEUCOSE, POST PRANDIAL (PP), 2 HOURS (POST MEAL)	
<del>16</del> سر.	URĪNE GLUCOSE(FASTING)	
17	SONO MAMOGRAPHY - SCREENING	
18	HBAR, GLYCATED HEMOGLOBIN	
1.0	X-RAY CHEST PA	
<sup>2</sup> 20	ENT CONSULTATION	
21	ETINUSS BY GUNERAL PHYSICIAN	
. 22	III.OOD GROUP ABO AND RH FACTOR	
,28	LÍPID PROFUT.	
24	BODY MASS INDEX (BMI)	
25	OPTHALBY GENERAL PHYSICIAN	
26	OTTRASOUND - WHOLE ABDOMEN	
27	PHYROID PROFILE (TOTAL T3, TOTAL T4, TSH)	



Mis Diraya

434/F

Dr. Prathema. C Gret Subgron.

Height:	We	ight:	BMI:	Waist Circum :
Temp:	Pu	lse :	Resp;	B.P;
General Examination	on / Allergies		Model 1	Linet - (D)  Linet

Follow up date:

**Doctor Signature** 

OSPITALS 10-02-2024

MR NO

CINR.0000162595

Department

GENERAL

Name

Doctor

Mrs. Divya V Thulasidasan

Registration No.

Age/ Gender

43 Y / Female Qualification

Consultation Timing: 09:28

Height: 160 c BMI: 23.2 Mg/4 Waist Circum: 紹介 Temp: as ( of Pulse: +1 Resp : \Signature BP:100/60

General Examination / Allergies

History

Clinical Diagnosis & Management Plan

434 P. C. Les - 1444m1

not villing for Papsonens.

Follow up date:

Doctor Signature

Apolio Clinic, Indiranagar

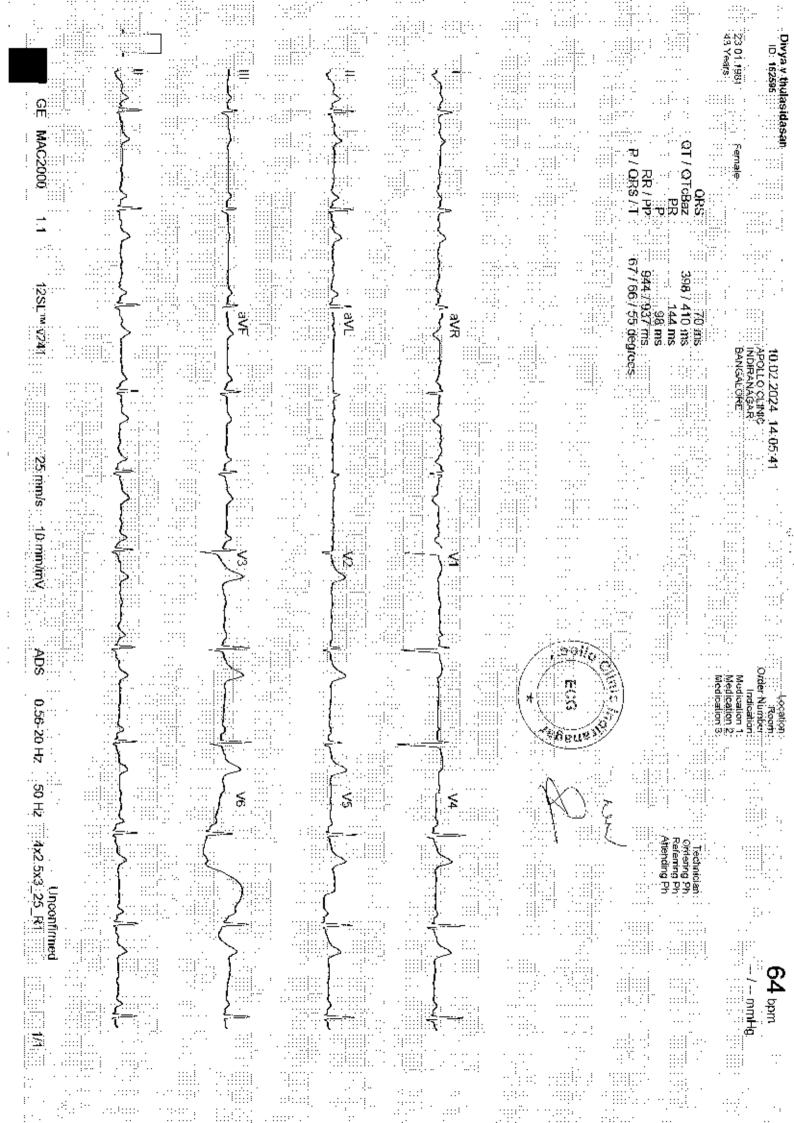
#2012, 1st Floor, 100 Feet Road, HAL 2nd Stage, Indiranagar - 560038 Pinone: (080) 2521 4514/15

Foilow os 🌃/ApolloClinicIndia 🎲/ApolloCdnics

BOOK YOUR APPOINTMENT TODAY! Whatsapp Number : 970 100 3333 Toll Number : 1860 500 7789

Website

: www.apollocilnic.com







NAME: MRS DIVYA V THULASIDASAN	AGE/SEX: 43Y/F OP NUI		P NUMBER: 162595
Ref By : SELF	DATE: 10-02-2	024	
M mode and dopple	r measurements:		·· · · · · · · · · · · · · · · · · · ·
CIVI	CM	M/sec	
AO: 2.8	₹VS(D); 1.0	MV: E Vel: 0.6	A Vel : 0.4
LA: 3,2	LVIDD(D): 4.0	AV Peak: 1.0	
	LVPW(D): 1.0	PV peak: 1.0	; 1 ····
	IVS(S): 1.2		<del>_</del>
	LVID(S): 2.5	·	
· · · · · · · · · · · · · · · · · · ·	LVEF: 60%	i	
	LVPW(S): 1.2		i
Descriptive findings:			
Left Ventricle		Normal	
Right Ventricle:		Normal	
Left Atrium:		Normal	·
Right Atrium:		Normai	
Mitral Valve:		Normal	
Aortic Valve:		Normal	
Tricuspid Valve:		Normal	
IAS:		Normal	
IVS:		Normal	





ONO POSPITALS	Expertise, Closer to y
IVC:	Normal 
Others	·
··· · · · · · · · · · · · · · · · ·	
	tuni e e e e e e e e e e e e e e e e e e e

# IMPRESSION:

Normal cardiac chamber and valves

No Regional wall motion abnormality

Normal PA Pressure

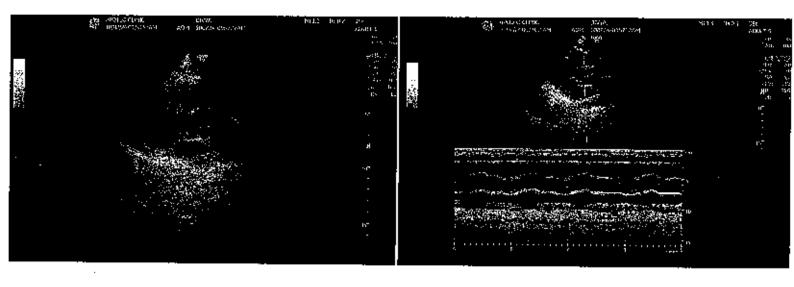
No clot/vegetation/pericardial effusion

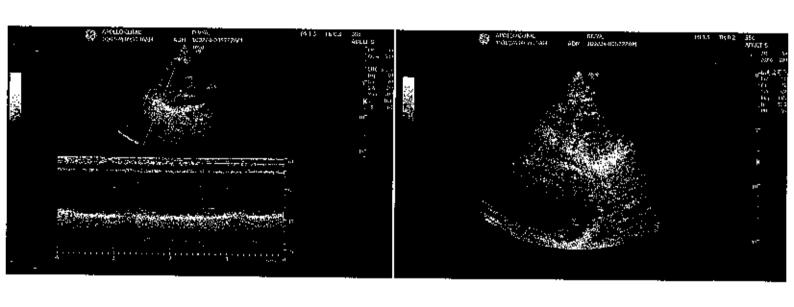
Normal LV systolic function - LVEF= 60%

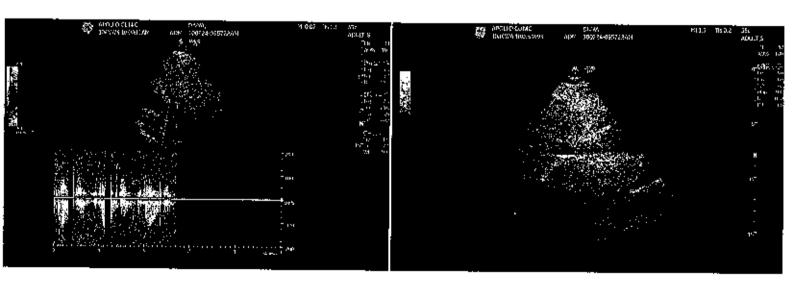
DR JAGADEESH H V MD,DM

CONSULTANT CARDIOLOGIST

.2









प्रति.

सगन्वयक,

Mediwhoo! (Arcofemi Healthcard Limited) हेतपदाइन संबर: 011-41195959

महोदय/ महोदया,

विषय: बैंक ऑफ़ बड़ौदा के कर्मचारियों के लिए वार्षिक स्वास्थ्य जांच'

हम आपको सूचित करना बाहते हैं कि हमारे कर्मचारी जिनका विधरण निम्नानुसार हैं हमारे करार के अनुसार आपके द्वारा उपलब्ध कराई गई कैशलेस वार्षिक स्थान्थ्य जांच सुविधा का लाभ लेना बाहते हैं।

	कर्मचारी विधरण
 नाग	MS. THULASIDASAN DIVYA V
- क असंख्या	161260
पदनाम	HEAD CASHIER "E"_II
कार्य का स्थान	BANGALORE, HAL STAGE III
जन्म की तारीख	23-01-1981
स्वास्थ्य जांच की प्रस्तावित तारीख	10-02-2024
बुर्किंग संदर्भ सं.	23M161260100086544E

यह अनुमोदन/ संस्तुति पत्र तभी वैद्य माना जाएगा जब इसे बैंक ऑफ़ बड़ौदा के कर्मचारी आईडी कार्ड की प्रति के साथ प्रस्तुत किया जाएगा। यह अनुमोदन पत्र दिनांक 30-01-2024 से 31-03-2024 तक मान्य है। इस पत्र के साथ किए जाने वाले विकित्सा जांच की सूची अनुलम्मक के रूप में दी गई है। कृष्या नोट करें कि उक्त स्वास्थ्य जांच हमारी टाई-अप व्यवस्था के अनुसार कैशलेस सुविधा है। हम अनुरोध करते हैं कि आप हमारे कर्मचारी के स्वास्थ्य जांच संबंधी आवश्यकताओं पर उचित कार्रवाई करें तथा इस संबंध में अपनी सर्वोच्च प्राथमिकता तथा सर्वोक्तम संसाधन उपलब्ध कराएं। उपर्युक्त सारणी में दी गई कर्मचारी कृत संख्या एवं बुकिंग संदर्भ संख्या का उन्लेख अनिवार्थ रूप से इनवॉइस में किया जाना चाहिए।

हम इस संबंध में आपके सहयोग की अपेक्षा करते हैं।

भवदीय,

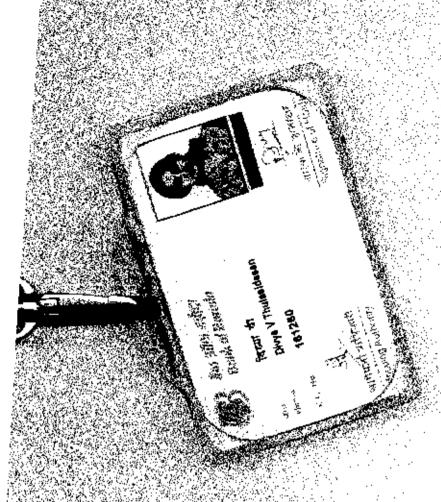
हस्ता/-

(मुख्य भहाप्रबंधक)।

गानव संसाधन प्रबंधन विभाग

वैक ऑफ़ बड़ौदा

(लोट: यह कंप्यूटर द्वारा अमरेट किया गया पत्र हैं। हस्ताक्षर की आवश्यकता नहीं हैं। कृपया कियी भी स्पष्टीकरण के लिए Med whoel (Anothern Hoselticans Timbed) से संपर्क करें।)





Patient Name : Mrs. Divya V Thulasidasan Age/Gender : 43 Y/F

UHID/MR No.

: CINR.0000162595

**OP Visit No** 

: CINROPV218596

Sample Collected on

LRN#

: RAD2232072

Reported on Specimen

: 10-02-2024 16:55

Ref Doctor Emp/Auth/TPA ID : SELF

: 9986457081

# DEPARTMENT OF RADIOLOGY

# X-RAY CHEST PA

Both lung fields and hila are normal.

No obvious active pleuro-parenchymal lesion seen.

Both costophrenic and cardiophrenic angles are clear.

Both diaphragms are normal in position and contour.

Thoracic wall and soft tissues appear normal.

# **CONCLUSION:**

No obvious abnormality seen

Dr. DHANALAKSHMI B MBBS, DMRD

Radiology



Patient Name : Mrs. Divya V Thulasidasan Age/Gender : 43 Y/F

**UHID/MR No.** : CINR.0000162595 **OP Visit No** : CINROPV218596

Sample Collected on : Reported on : 10-02-2024 11:38

Ref Doctor : SELF Emp/Auth/TPA ID : 9986457081

# DEPARTMENT OF RADIOLOGY

#### **ULTRASOUND - WHOLE ABDOMEN**

LIVER: Appears normal in size, shape and echopattern. No focal parenchymal lesions identified. No evidence of intra/extrahepatic biliary tree dilatation noted. Portal vein appears to be of normal size.

GALLBLADDER: Moderately distended. No definite calculi identified. No evidence of abnormal wall thickening noted.

SPLEEN: Appears normal in size, shape and echopattern. No focal parenchymal lesions identified.

PANCREAS: Obscured by bowel gas. However, the visualized portion appear normal.

KIDNEYS:Both kidneys appear normal in size, shape and echopattern. Corticomedullary differentiation appears maintained. No evidence of calculi or hydronephrosis on either side.

URINARY BLADDER: Distended and appears normal. No evidence of abnormal wall thickening noted.

UTERUS: Anteverted and appears normal in size. Myometrial echoes appear normal. The endometrial lining appears intact. Endometrium measures 7 mm.

OVARIES: Right ovary not visualized due to bowel gas. Left ovary appearing normal in size and echopattern.

No free fluid is seen.

### IMPRESSION:

NO SIGNIFICANT SONOGRAPHIC ABNORMALITY DETECTED.

Dr. DHANALAKSHMI B

MBBS, DMRD

Radiology



Patient Name : Mrs. Divya V Thulasidasan Age/Gender : 43 Y/F

**UHID/MR No.** : CINR.0000162595 **OP Visit No** : CINROPV218596

Sample Collected on : Reported on : 10-02-2024 19:28

**Emp/Auth/TPA ID** : 9986457081

# DEPARTMENT OF RADIOLOGY

# SONO MAMOGRAPHY - SCREENING

# THERMAL SONO MAMMOGRAPHY DONE.

: SELF

**Ref Doctor** 

Dr. DHANALAKSHMI B MBBS, DMRD

Radiology







Age/Gender : 43 Y 0 M 18 D/F
UHID/MR No : CINR.0000162595
Visit ID : CINROPV218596

Ref Doctor : Dr.SELF Emp/Auth/TPA ID : 9986457081 Collected : 10/Feb/2024 10:02AM

Received : 10/Feb/2024 01:45PM Reported : 10/Feb/2024 03:45PM

Status : Final Report

Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF HAEMATOLOGY**

# ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	14.3	g/dL	12-15	Spectrophotometer
PCV	41.20	%	36-46	Electronic pulse & Calculation
RBC COUNT	4.74	Million/cu.mm	3.8-4.8	Electrical Impedence
MCV	86.9	fL	83-101	Calculated
MCH	30.2	pg	27-32	Calculated
MCHC	34.7	g/dL	31.5-34.5	Calculated
R.D.W	13.6	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	7,410	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT (	DLC)			
NEUTROPHILS	59	%	40-80	Electrical Impedance
LYMPHOCYTES	31.2	%	20-40	Electrical Impedance
EOSINOPHILS	2.4	%	1-6	Electrical Impedance
MONOCYTES	7.1	%	2-10	Electrical Impedance
BASOPHILS	0.3	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	4371.9	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	2311.92	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	177.84	Cells/cu.mm	20-500	Calculated
MONOCYTES	526.11	Cells/cu.mm	200-1000	Calculated
BASOPHILS	22.23	Cells/cu.mm	0-100	Calculated
PLATELET COUNT	299000	cells/cu.mm	150000-410000	Electrical impedence
ERYTHROCYTE SEDIMENTATION RATE (ESR)	5	mm at the end of 1 hour	0-20	Modified Westegren method
PERIPHERAL SMEAR				

RBCs: are normocytic normochromic

Dr. Chinki Anupam M.B.B.S,M.D(Pathology) Consultant Pathologist Dr Priya Murthy
M.B.B.S,M.D(Pathology)
Consultant Pathologist

Page 1 of 13



SIN No:BED240033726









: Mrs.DIVYA V THULASIDASAN

Age/Gender

: 43 Y 0 M 18 D/F

UHID/MR No Visit ID

: CINR.0000162595 : CINROPV218596

Ref Doctor

Emp/Auth/TPA ID

: Dr.SELF : 9986457081 Collected

: 10/Feb/2024 10:02AM

Received

: 10/Feb/2024 01:45PM

Reported

: 10/Feb/2024 03:45PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF HAEMATOLOGY**

# ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D ECHO - PAN INDIA - FY2324

WBCs: are normal in total number with normal distribution and morphology.

PLATELETS: appear adequate in number.

HEMOPARASITES: negative

IMPRESSION: NORMOCYTIC NORMOCHROMIC BLOOD PICTURE

Chinki Anupam M.B.B.S,M.D(Pathology) Consultant Pathologist

M.B.B.S, M.D (Pathology) Consultant Pathologist

SIN No:BED240033726

Page 2 of 13











: Mrs.DIVYA V THULASIDASAN

Age/Gender

: 43 Y 0 M 18 D/F

UHID/MR No

: CINR.0000162595

Visit ID

: CINROPV218596

Ref Doctor

: Dr.SELF

Emp/Auth/TPA ID : 9986457081

Collected

: 10/Feb/2024 10:02AM

Received

: 10/Feb/2024 01:45PM

Reported

: 10/Feb/2024 04:39PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF HAEMATOLOGY**

# ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
BLOOD GROUP ABO AND RH FACTOR	R, WHOLE BLOOD EDTA			
BLOOD GROUP TYPE	В			Microplate Hemagglutination
Rh TYPE	Negative			Microplate Hemagglutination

Dr.Shobha Emmanuel M.B.B.S,M.D(Pathology) Consultant Pathologist Dr Priya Murthy M.B.B.S,M.D(Pathology) Consultant Pathologist Page 3 of 13



SIN No:BED240033726









: Mrs.DIVYA V THULASIDASAN

Age/Gender UHID/MR No : 43 Y 0 M 18 D/F

Visit ID

: CINR.0000162595 : CINROPV218596

Ref Doctor

: Dr.SELF

Emp/Auth/TPA ID

: 9986457081

Collected

: 10/Feb/2024 10:02AM

Received

: 10/Feb/2024 03:27PM

Reported

: 10/Feb/2024 05:13PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

#### ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING , NAF PLASMA	90	mg/dL	70-100	HEXOKINASE

#### **Comment:**

As per American Diabetes Guidelines, 2023

F			
Fasting Glucose Values in mg/dL	Interpretation		
70-100 mg/dL	Normal		
100-125 mg/dL	Prediabetes		
≥126 mg/dL	Diabetes		
<70 mg/dL	Hypoglycemia		

#### Note:

- 1. The diagnosis of Diabetes requires a fasting plasma glucose of > or = 126 mg/dL and/or a random / 2 hr post glucose value of > or = 200 mg/dL on at least 2
- 2. Very high glucose levels (>450 mg/dL in adults) may result in Diabetic Ketoacidosis & is considered critical.

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS, SODIUM FLUORIDE PLASMA (2 HR)	91	mg/dL	70-140	HEXOKINASE

# **Comment:**

It is recommended that FBS and PPBS should be interpreted with respect to their Biological reference ranges and not with each

Conditions which may lead to lower postprandial glucose levels as compared to fasting glucose levels may be due to reactive hypoglycemia, dietary meal content, duration or timing of sampling after food digestion and absorption, medications such as insulin preparations, sulfonylureas, amylin analogues, or conditions such as overproduction of insulin.

Test Name	Result	Unit	Bio. Ref. Range	Method			
HBA1C (GLYCATED HEMOGLOBIN) , WHOLE BLOOD EDTA							
HBA1C, GLYCATED HEMOGLOBIN	5.8	%		HPLC			

Page 4 of 13



DR. SHIVARAJA SHETTY M.B.B.S,M.D(Biochemistry) CONSULTANT BIOCHEMIST

SIN No:EDT240014904







: Mrs.DIVYA V THULASIDASAN

Age/Gender

: 43 Y 0 M 18 D/F

UHID/MR No Visit ID

: CINR.0000162595

Ref Doctor

: CINROPV218596

Emp/Auth/TPA ID

: Dr.SELF

: 9986457081

Collected

: 10/Feb/2024 10:02AM

Received

: 10/Feb/2024 03:27PM

Reported

: 10/Feb/2024 05:13PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

# ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D ECHO - PAN INDIA - FY2324

ESTIMATED AVERAGE GLUCOSE	120	mg/dL	Calculated
(eAG)			

#### **Comment:**

Reference Range as per American Diabetes Association (ADA) 2023 Guidelines:

REFERENCE GROUP	HBA1C %
NON DIABETIC	<5.7
PREDIABETES	5.7 – 6.4
DIABETES	≥ 6.5
DIABETICS	
EXCELLENT CONTROL	6 – 7
FAIR TO GOOD CONTROL	7 – 8
UNSATISFACTORY CONTROL	8 - 10
POOR CONTROL	>10

Note: Dietary preparation or fasting is not required.

- 1. HbA1C is recommended by American Diabetes Association for Diagnosing Diabetes and monitoring Glycemic
- Control by American Diabetes Association guidelines 2023. 2. Trends in HbA1C values is a better indicator of Glycemic control than a single test.
- 3. Low HbA1C in Non-Diabetic patients are associated with Anemia (Iron Deficiency/Hemolytic), Liver Disorders, Chronic Kidney Disease. Clinical Correlation is advised in interpretation of low Values.
- 4. Falsely low HbA1c (below 4%) may be observed in patients with clinical conditions that shorten erythrocyte life span or decrease mean erythrocyte age. HbA1c may not accurately reflect glycemic control when clinical conditions that affect erythrocyte survival are present.
- 5. In cases of Interference of Hemoglobin variants in HbA1C, alternative methods (Fructosamine) estimation is recommended for Glycemic Control
  - A: HbF >25%
  - B: Homozygous Hemoglobinopathy.
  - (Hb Electrophoresis is recommended method for detection of Hemoglobinopathy)

Page 5 of 13



DR. SHIVARAJA SHETTY M.B.B.S,M.D(Biochemistry) CONSULTANT BIOCHEMIST

SIN No:EDT240014904







Age/Gender : 43 Y 0 M 18 D/F
UHID/MR No : CINR.0000162595
Visit ID : CINROPV218596

Ref Doctor : Dr.SELF Emp/Auth/TPA ID : 9986457081 Collected : 10/Feb/2024 10:02AM

Received : 10/Feb/2024 02:06PM Reported : 10/Feb/2024 04:12PM

Status : Final Report

Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

#### ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method				
LIPID PROFILE , SERUM								
TOTAL CHOLESTEROL	178	mg/dL	<200	CHO-POD				
TRIGLYCERIDES	78	mg/dL	<150	GPO-POD				
HDL CHOLESTEROL	54	mg/dL	40-60	Enzymatic Immunoinhibition				
NON-HDL CHOLESTEROL	124	mg/dL	<130	Calculated				
LDL CHOLESTEROL	107.9	mg/dL	<100	Calculated				
VLDL CHOLESTEROL	15.6	mg/dL	<30	Calculated				
CHOL / HDL RATIO	3.29		0-4.97	Calculated				

#### **Comment:**

Reference Interval as per National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.

	Desirable	Borderline High	High	Very High	
TOTAL CHOLESTEROL	< 200	200 - 239	≥ 240		
TRIGLYCERIDES	<150	150 - 199	200 - 499	≥ 500	
LDL	Optimal < 100 Near Optimal 100-129	130 - 159	160 - 189	≥ 190	
HDL	≥ 60				
NON-HDL CHOLESTEROL	Optimal <130; Above Optimal 130-159	160-189	190-219	>220	

- 1. Measurements in the same patient on different days can show physiological and analytical variations.
- 2. NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.
- 3. Primary prevention algorithm now includes absolute risk estimation and lower LDL Cholesterol target levels to determine eligibility of drug therapy.
- **4.** Low HDL levels are associated with Coronary Heart Disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
- **5.** As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.
- **6.** VLDL, LDL Cholesterol Non HDL Cholesterol, CHOL/HDL RATIO, LDL/HDL RATIO are calculated parameters when Triglycerides are below 350mg/dl. When Triglycerides are more than 350 mg/dl LDL cholesterol is a direct measurement.

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DR.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:SE04625308









Age/Gender : 43 Y 0 M 18 D/F
UHID/MR No : CINR.0000162595
Visit ID : CINROPV218596

Ref Doctor : Dr.SELF Emp/Auth/TPA ID : 9986457081 Collected : 10/Feb/2024 10:02AM

Received : 10/Feb/2024 02:06PM Reported : 10/Feb/2024 04:12PM

Status : Final Report

Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

#### ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method				
LIVER FUNCTION TEST (LFT), SERUM								
BILIRUBIN, TOTAL	0.69	mg/dL	0.3–1.2	DPD				
BILIRUBIN CONJUGATED (DIRECT)	0.12	mg/dL	<0.2	DPD				
BILIRUBIN (INDIRECT)	0.57	mg/dL	0.0-1.1	Dual Wavelength				
ALANINE AMINOTRANSFERASE (ALT/SGPT)	15	U/L	<35	IFCC				
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	19.0	U/L	<35	IFCC				
ALKALINE PHOSPHATASE	44.00	U/L	30-120	IFCC				
PROTEIN, TOTAL	6.78	g/dL	6.6-8.3	Biuret				
ALBUMIN	4.20	g/dL	3.5-5.2	BROMO CRESOL GREEN				
GLOBULIN	2.58	g/dL	2.0-3.5	Calculated				
A/G RATIO	1.63		0.9-2.0	Calculated				

#### **Comment:**

LFT results reflect different aspects of the health of the liver, i.e., hepatocyte integrity (AST & ALT), synthesis and secretion of bile (Bilirubin, ALP), cholestasis (ALP, GGT), protein synthesis (Albumin)

Common patterns seen:

#### 1. Hepatocellular Injury:

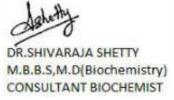
- AST Elevated levels can be seen. However, it is not specific to liver and can be raised in cardiac and skeletal injuries.
- ALT Elevated levels indicate hepatocellular damage. It is considered to be most specific lab test for hepatocellular injury. Values also correlate well with increasing BMI .• Disproportionate increase in AST, ALT compared with ALP. Bilirubin may be elevated.
- AST: ALT (ratio) In case of hepatocellular injury AST: ALT > 1In Alcoholic Liver Disease AST: ALT usually >2. This ratio is also seen to be increased in NAFLD, Wilsons's diseases, Cirrhosis, but the increase is usually not >2.

#### 2. Cholestatic Pattern:

- $\bullet$  ALP Disproportionate increase in ALP compared with AST, ALT.
- Bilirubin may be elevated.• ALP elevation also seen in pregnancy, impacted by age and sex.
- To establish the hepatic origin correlation with GGT helps. If GGT elevated indicates hepatic cause of increased ALP.
- 3. Synthetic function impairment: Albumin- Liver disease reduces albumin levels. Correlation with PT (Prothrombin Time) helps.

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SIN No:SE04625308









: Mrs.DIVYA V THULASIDASAN

Age/Gender

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#### **DEPARTMENT OF BIOCHEMISTRY**

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Test Name	Result	Unit	Bio. Ref. Range	Method				
RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , SERUM								
CREATININE	0.70	mg/dL	0.51-0.95	Jaffe's, Method				
UREA	21.60	mg/dL	17-43	GLDH, Kinetic Assay				
BLOOD UREA NITROGEN	10.1	mg/dL	8.0 - 23.0	Calculated				
URIC ACID	3.98	mg/dL	2.6-6.0	Uricase PAP				
CALCIUM	9.50	mg/dL	8.8-10.6	Arsenazo III				
PHOSPHORUS, INORGANIC	3.48	mg/dL	2.5-4.5	Phosphomolybdate Complex				
SODIUM	137	mmol/L	136–146	ISE (Indirect)				
POTASSIUM	3.9	mmol/L	3.5–5.1	ISE (Indirect)				
CHLORIDE	104	mmol/L	101–109	ISE (Indirect)				

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DR.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
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Test Name	Result	Unit	Bio. Ref. Range	Method
GAMMA GLUTAMYL	21.00	U/L	<38	IFCC
TRANSPEPTIDASE (GGT), SERUM				

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DR. SHIVARAJA SHETTY M.B.B.S,M.D(Biochemistry) CONSULTANT BIOCHEMIST

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#### **DEPARTMENT OF IMMUNOLOGY**

# ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
THYROID PROFILE TOTAL (T3, T4, TSH	l) , SERUM			
TRI-IODOTHYRONINE (T3, TOTAL)	0.8	ng/mL	0.7-2.04	CLIA
THYROXINE (T4, TOTAL)	9.10	μg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	1.613	μIU/mL	0.34-5.60	CLIA

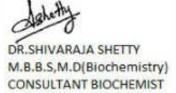
# **Comment:**

For pregnant females	Bio Ref Range for TSH in uIU/ml (As per American Thyroid Association)
First trimester	0.1 - 2.5
Second trimester	0.2 - 3.0
Third trimester	0.3 - 3.0

- **1.** TSH is a glycoprotein hormone secreted by the anterior pituitary. TSH activates production of T3 (Triiodothyronine) and its prohormone T4 (Thyroxine). Increased blood level of T3 and T4 inhibit production of TSH.
- **2.** TSH is elevated in primary hypothyroidism and will be low in primary hyperthyroidism. Elevated or low TSH in the context of normal free thyroxine is often referred to as sub-clinical hypo- or hyperthyroidism respectively.
- 3. Both T4 & T3 provides limited clinical information as both are highly bound to proteins in circulation and reflects mostly inactive hormone. Only a very small fraction of circulating hormone is free and biologically active.
- 4. Significant variations in TSH can occur with circadian rhythm, hormonal status, stress, sleep deprivation, medication & circulating antibodies.

TSH	Т3	T4	FT4	Conditions
High	Low	Low	Low	Primary Hypothyroidism, Post Thyroidectomy, Chronic Autoimmune Thyroiditis
High	N	N	N	Subclinical Hypothyroidism, Autoimmune Thyroiditis, Insufficient Hormone Replacement Therapy.
N/Low	Low	Low	Low	Secondary and Tertiary Hypothyroidism
Low	High	High	High	Primary Hyperthyroidism, Goitre, Thyroiditis, Drug effects, Early Pregnancy
Low	N	N	N	Subclinical Hyperthyroidism
Low	Low	Low	Low	Central Hypothyroidism, Treatment with Hyperthyroidism
Low	N	High	High	Thyroiditis, Interfering Antibodies
N/Low	High	N	N	T3 Thyrotoxicosis, Non thyroidal causes
High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma

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SIN No:SPL24022220



THIS TEST HAS BEEN PERFORMED AT APOLLO HEALTH AND LIFSTYLE LIMITED. RRE BANGALORE

123/109/123, Doddathungur Village, Neeladri Main Road, Noeladri Nagar, Electronic city, Dengaluru. Kanadaka 560034









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#### **DEPARTMENT OF IMMUNOLOGY**

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D ECHO - PAN INDIA - FY2324

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DR. SHIVARAJA SHETTY M.B.B.S,M.D(Biochemistry) CONSULTANT BIOCHEMIST

SIN No:SPL24022220









Age/Gender : 43 Y 0 M 18 D/F
UHID/MR No : CINR.0000162595
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#### **DEPARTMENT OF CLINICAL PATHOLOGY**

# ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
COMPLETE URINE EXAMINATION (	CUE) , URINE			
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Visual
pH	7.0		5-7.5	DOUBLE INDICATOR
SP. GRAVITY	1.025		1.002-1.030	Bromothymol Blue
BIOCHEMICAL EXAMINATION				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NEGATIVE		NEGATIVE	GLUCOSE OXIDASE
URINE BILIRUBIN	NEGATIVE		NEGATIVE	AZO COUPLING REACTION
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	SODIUM NITRO PRUSSIDE
UROBILINOGEN	NORMAL		NORMAL	MODIFED EHRLICH REACTION
BLOOD	NEGATIVE		NEGATIVE	Peroxidase
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	LEUCOCYTE ESTERASE
CENTRIFUGED SEDIMENT WET M	OUNT AND MICROSCOPY	1		
PUS CELLS	1-2	/hpf	0-5	Microscopy
EPITHELIAL CELLS	2-3	/hpf	<10	MICROSCOPY
RBC	NIL	/hpf	0-2	MICROSCOPY
CASTS	NIL		0-2 Hyaline Cast	MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY

Dr. Chinki Anupam M.B.B.S,M.D(Pathology) Consultant Pathologist Dr Priya Murthy M.B.B.S,M.D(Pathology) Consultant Pathologist Page 12 of 13



SIN No:UR2279685









: Mrs.DIVYA V THULASIDASAN

Age/Gender

: 43 Y 0 M 18 D/F

UHID/MR No

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Visit ID

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Sponsor Name

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#### **DEPARTMENT OF CLINICAL PATHOLOGY**

# ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS CHECK ADVANCED - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
URINE GLUCOSE(POST PRANDIAL)	NEGATIVE		NEGATIVE	Dipstick

Test Name	Result	Unit	Bio. Ref. Range	Method
URINE GLUCOSE(FASTING)	NEGATIVE		NEGATIVE	Dipstick

\*\*\* End Of Report \*\*\*

Result/s to Follow:

PERIPHERAL SMEAR, LBC PAP TEST (PAPSURE)

Page 13 of 13



Dr. Chinki Anupam M.B.B.S,M.D(Pathology) Consultant Pathologist Dr Priya Murthy
M.B.B.S,M.D(Pathology)
Consultant Pathologist

SIN No:UF010534

