

# Arcofemi Healthcare Pvt Ltd

(Formerly known as Arcofemi Healthcare Ltd) F-701A, Lado Sarai, Mehrauli, New Delhi - 110030 Email: wellness@mediwheel.in, Website: www.mediwheel.in

Tel: +91-11-41195959, Fax: +91-11-29523020

CIN: U24240DL2011PTC216307

# **MEDICAL FITNESS CERTIFICATE**

(To be signed by a registered medical practitioner holding a Medical degree)

This is to certify that <u>Amit K Jodhavat</u> aged, <u>41yr</u>. Based on the examination, I certify that he is in good mental and physical health and it is free from any physical defects such as deafness, colour blindness, and any chronic or contagious diseases.

Place: Mumbai

Date: 01/06/2024

Dr. Nitesh Kumar Minus Maiss BCMR 47093

Name & Signature of

Medical officer



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: 9920144559

: Dr.SELF

Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:56AM

Reported

: 01/Jun/2024 01:58PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

# **DEPARTMENT OF HAEMATOLOGY**

#### PERIPHERAL SMEAR, WHOLE BLOOD EDTA

Methodology: Microscopic

RBC : Normocytic normochromic

WBC: Normal in number, morphology and distribution. No abnormal cells seen

Platelets : Adequate in Number

Parasites: No Haemoparasites seen

**IMPRESSION: Normocytic normochromic blood picture** 

Note/Comment : Please Correlate clinically

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY Page 1 of 20



SIN No DED 240141207

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)
CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: Dr.SELF : 9920144559 Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:56AM

Reported

: 01/Jun/2024 01:58PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF HAEMATOLOGY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	12.2	g/dL	13-17	CYANIDE FREE COLOUROMETER
PCV	37.60	%	40-50	PULSE HEIGHT AVERAGE
RBC COUNT	4.39	Million/cu.mm	4.5-5.5	Electrical Impedence
MCV	85.7	fL	83-101	Calculated
MCH	27.9	pg	27-32	Calculated
MCHC	32.6	g/dL	31.5-34.5	Calculated
R.D.W	12	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	7,180	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUN	NT (DLC)			
NEUTROPHILS	64.5	%	40-80	Electrical Impedance
LYMPHOCYTES	24.5	%	20-40	Electrical Impedance
EOSINOPHILS	3.7	%	1-6	Electrical Impedance
MONOCYTES	6.2	%	2-10	Electrical Impedance
BASOPHILS	0.8	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	4631.1	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	1759.1	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	265.66	Cells/cu.mm	20-500	Calculated
MONOCYTES	445.16	Cells/cu.mm	200-1000	Calculated
BASOPHILS	57.44	Cells/cu.mm	0-100	Calculated
Neutrophil lymphocyte ratio (NLR)	2.63		0.78- 3.53	Calculated
PLATELET COUNT	398000	cells/cu.mm	150000-410000	IMPEDENCE/MICROSCOP
ERYTHROCYTE SEDIMENTATION RATE (ESR)	15	mm at the end of 1 hour	0-15	Modified Westergren
PERIPHERAL SMEAR				
Anthodology, Migropoopie	-			<del>-</del>

Methodology: Microscopic

RBC: Normocytic normochromic

Page 2 of 20



DR. APEKSHA MADAN MBBS, DPB PATHOLOGY

SIN No:BED240141307

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)
CIN- U85100TG2009PTC099414

Regd Off: 1-10-62/62, 5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: Dr.SELF : 9920144559 Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:56AM

Reported

: 01/Jun/2024 01:58PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF HAEMATOLOGY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

WBC: Normal in number, morphology and distribution. No abnormal cells seen

Platelets: Adequate in Number

Parasites: No Haemoparasites seen

**IMPRESSION: Normocytic normochromic blood picture** 

Note/Comment: Please Correlate clinically

DR. APEKSHA MADAN MBBS. DPB

SIN No:BED240141307

PATHOLOGY

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)

CIN- U85100TG2009PTC099414

Regd Off:1-10-62/62, 5th Floor, Ashoka RaghupathiChambers,
Begumpet, Hyderabad, Telangana - 500016

Page 3 of 20





: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: 9920144559

: Dr.SELF

Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:56AM

Reported

: 01/Jun/2024 01:58PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF HAEMATOLOGY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
BLOOD GROUP ABO AND RH FACT	OR , WHOLE BLOOD EDTA	4		
BLOOD GROUP TYPE	AB			Forward & Reverse Grouping with Slide/Tube Aggluti
Rh TYPE	POSITIVE			Forward & Reverse Grouping with Slide/Tube Agglutination

DR. APEKSHA MADAN

SIN No: DED24014120

PATHOLOGY

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)

CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Page 4 of 20





: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: Dr.SELF : 9920144559 Collected

: 01/Jun/2024 01:42PM

Received

: 01/Jun/2024 02:04PM

Reported

: 01/Jun/2024 03:46PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING, NAF PLASMA	93	mg/dL	70-100	GOD - POD

# **Comment:**

# As per American Diabetes Guidelines, 2023

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 occasions.
- 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)	85	mg/dL	70-140	GOD - POD

### **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.

Page 5 of 20



DR. APEKSHA MADAI MBBS, DPB PATHOLOGY

SIN No:PLP1459541

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited) CIN- U85100TG2009PTC099414

Regd Off:1-10-62/62,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:

Tadeo (Mumbai Central), Mumbai, Maharashtra Ph: 022 4332 4500



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: 9920144559

: Dr.SELF

Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 03:27PM

Reported

: 01/Jun/2024 05:05PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C (GLYCATED HEMOGLOBIN), WH	OLE BLOOD EDTA			
HBA1C, GLYCATED HEMOGLOBIN	5.7	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	117	mg/dL		Calculated

## **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 6 of 20



Dr.Sandip Kumar Banerjee M.B.B.S,M.D(PATHOLOGY),D.P.B Consultant Pathologist

SIN No:EDT240062264

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)
CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID

: STAROPV70388

Ref Doctor

: Dr.SELF

Emp/Auth/TPA ID

: 9920144559

Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:46AM

Reported

: 01/Jun/2024 01:09PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID PROFILE , SERUM				
TOTAL CHOLESTEROL	132	mg/dL	<200	CHE/CHO/POD
TRIGLYCERIDES	65	mg/dL	<150	
HDL CHOLESTEROL	33	mg/dL	>40	CHE/CHO/POD
NON-HDL CHOLESTEROL	99	mg/dL	<130	Calculated
LDL CHOLESTEROL	86	mg/dL	<100	Calculated
VLDL CHOLESTEROL	13	mg/dL	<30	Calculated
CHOL / HDL RATIO	4.00		0-4.97	Calculated
ATHEROGENIC INDEX (AIP)	0.01		<0.11	Calculated

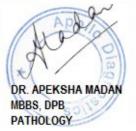
# **Comment:**

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

Measurements in the same patient can show physiological and analytical variations.

NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.



Page 7 of 20



SIN No:SE04737414

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)
CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: Dr.SELF : 9920144559 Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:46AM

Reported

: 01/Jun/2024 01:09PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
IVER FUNCTION TEST (LFT) , SERUM				
BILIRUBIN, TOTAL	0.90	mg/dL	0.1-1.2	Azobilirubin
BILIRUBIN CONJUGATED (DIRECT)	0.30	mg/dL	0.1-0.4	DIAZO DYE
BILIRUBIN (INDIRECT)	0.60	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	28	U/L	4-44	JSCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	23.0	U/L	8-38	JSCC
ALKALINE PHOSPHATASE	74.00	U/L	32-111	IFCC
PROTEIN, TOTAL	8.00	g/dL	6.7-8.3	BIURET
ALBUMIN	5.10	g/dL	3.8-5.0	BROMOCRESOL GREEN
GLOBULIN	2.90	g/dL	2.0-3.5	Calculated
A/G RATIO	1.76		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 > 1

In 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:
- ALP Disproportionate increase in ALP compared with AST, ALT.
- Bilirubin may be elevated.

Page 8 of 20



DR. APEKSHA MADAI MBBS, DPB PATHOLOGY

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited) CIN- U85100TG2009PTC099414

Regd Off:1-10-62/62,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: 9920144559

: Dr.SELF

Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:46AM

Reported

: 01/Jun/2024 01:09PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

- 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.
- Synthetic function impairment:
- Albumin-Liver disease reduces albumin levels.

Correlation with PT (Prothrombin Time) helps.

DR. APEKSHA MADAN MBBS, DPB

PATHOLOGY

Page 9 of 20



**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited) CIN- U85100TG2009PTC099414

Regd Off:1-10-62/62,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID

: STAROPV70388

Ref Doctor

: Dr.SELF

Emp/Auth/TPA ID : 9920144559

Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:46AM

Reported

: 01/Jun/2024 01:09PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
IVER FUNCTION TEST (LFT) WITH GGT ,	SERUM			
BILIRUBIN, TOTAL	0.90	mg/dL	0.1-1.2	Azobilirubin
BILIRUBIN CONJUGATED (DIRECT)	0.30	mg/dL	0.1-0.4	DIAZO DYE
BILIRUBIN (INDIRECT)	0.60	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	28	U/L	4-44	JSCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	23.0	U/L	8-38	JSCC
ALKALINE PHOSPHATASE	74.00	U/L	32-111	IFCC
PROTEIN, TOTAL	8.00	g/dL	6.7-8.3	BIURET
ALBUMIN	5.10	g/dL	3.8-5.0	BROMOCRESOL GREEN
GLOBULIN	2.90	g/dL	2.0-3.5	Calculated
A/G RATIO	1.76		0.9-2.0	Calculated
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT)	20.00	U/L	16-73	Glycylglycine Kinetic method

#### **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.

Page 10 of 20



DR. APEKSHA MADAN MBBS, DPB PATHOLOGY

SIN No:SE04737414

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)
CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

: Dr.SELF

Emp/Auth/TPA ID : 9920144559 Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:46AM

Reported

: 01/Jun/2024 01:09PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

# **DEPARTMENT OF BIOCHEMISTRY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

- 2. Cholestatic Pattern:
- 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.

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY

Page 11 of 20



**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited) CIN- U85100TG2009PTC099414

Regd Off: 1-10-62/62, 5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

: Dr.SELF

Emp/Auth/TPA ID

: 9920144559

Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:46AM

Reported

: 01/Jun/2024 01:09PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
RENAL PROFILE/KIDNEY FUNCTION	TEST (RFT/KFT) , SER	RUM		
CREATININE	0.78	mg/dL	0.6-1.1	ENZYMATIC METHOD
UREA	21.60	mg/dL	17-48	Urease
BLOOD UREA NITROGEN	10.1	mg/dL	8.0 - 23.0	Calculated
URIC ACID	6.80	mg/dL	4.0-7.0	URICASE
CALCIUM	9.70	mg/dL	8.4-10.2	CPC
PHOSPHORUS, INORGANIC	4.30	mg/dL	2.6-4.4	PNP-XOD
SODIUM	143	mmol/L	135-145	Direct ISE
POTASSIUM	4.5	mmol/L	3.5-5.1	Direct ISE
CHLORIDE	108	mmol/L	98-107	Direct ISE
PROTEIN, TOTAL	8.00	g/dL	6.7-8.3	BIURET
ALBUMIN	5.10	g/dL	3.8-5.0	BROMOCRESOL GREEN
GLOBULIN	2.90	g/dL	2.0-3.5	Calculated
A/G RATIO	1.76		0.9-2.0	Calculated

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY

Page 12 of 20



**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)
CIN- U85100TG2009PTC099414

Regd Off: 1-10-62/62, 5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: Dr.SELF : 9920144559 Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:46AM

Reported

: 01/Jun/2024 01:09PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
ALKALINE PHOSPHATASE , SERUM	74.00	U/L	32-111	IFCC

Test Name	Result	Unit	Bio. Ref. Range	Method
CALCIUM, SERUM	9.70	mg/dL	8.4-10.2	CPC

#### Comments:-

Serum calcium measurements are done to monitor and diagnose disorders of skeletal system, parathyroid gland, kidney, muscular disorders, and abnormal vitamin D and protein levels.

DR. APEKSHA MADAN MBBS. DPB

PATHOLOGY SIN No:SE04727414

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited) CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Page 13 of 20





: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: Dr.SELF

: 9920144559

Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:33AM

Reported

: 01/Jun/2024 01:51PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF IMMUNOLOGY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
THYROID PROFILE TOTAL (T3, T4, TSH)	, SERUM			'
TRI-IODOTHYRONINE (T3, TOTAL)	1.56	ng/mL	0.67-1.81	ELFA
THYROXINE (T4, TOTAL)	6.88	μg/dL	4.66-9.32	ELFA
THYROID STIMULATING HORMONE (TSH)	2.170	μIU/mL	0.25-5.0	ELFA

#### **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	<b>T3</b>	<b>T4</b>	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

Page 14 of 20



DR. APEKSHA MADAI MBBS, DPB PATHOLOGY

SIN No:SPL24093459

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)
CIN- U85100TG2009PTC099414

Regd Off:1-10-62/62,5th Floor, Ashoka RaghupathiChambers,

Begumpet, Hyderabad, Telangana - 500016

Address: Tadeo (Mumbai Central), Mumbai, Maharashtra Ph: 022 4332 4500



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: 9920144559

: Dr.SELF

Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:33AM

Reported

: 01/Jun/2024 01:51PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF IMMUNOLOGY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

N/Low	High	N	N	T3 Thyrotoxicosis, Non thyroidal causes
High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY Page 15 of 20



SIN No:SPL24093459

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)

CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: Dr.SELF : 9920144559 Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 03:27PM

Reported

: 01/Jun/2024 05:41PM

Status

. 0 1/Juli/2024 03.-

\_ ..

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF IMMUNOLOGY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
VITAMIN D (25 - OH VITAMIN D),	14.45	ng/mL		CLIA
SERUM				

#### **Comment:**

# **BIOLOGICAL REFERENCE RANGES**

21020 01012 122 2121 (020					
VITAMIN D STATUS	VITAMIN D 25 HYDROXY (ng/mL)				
DEFICIENCY	<10				
INSUFFICIENCY	10 - 30				
SUFFICIENCY	30 - 100				
TOXICITY	>100				

The biological function of Vitamin D is to maintain normal levels of calcium and phosphorus absorption. 25-Hydroxy vitamin D is the storage form of vitamin D. Vitamin D assists in maintaining bone health by facilitating calcium absorption. Vitamin D deficiency can also cause osteomalacia, which frequently affects elderly patients.

Vitamin D Total levels are composed of two components namely 25-Hydroxy Vitamin D2 and 25-Hydroxy Vitamin D3 both of which are converted into active forms. Vitamin D2 level corresponds with the exogenous dietary intake of Vitamin D rich foods as well as supplements. Vitamin D3 level corresponds with endogenous production as well as exogenous diet and supplements. Vitamin D from sunshine on the skin or from dietary intake is converted predominantly by the liver into 25-hydroxy vitamin D, which has a long half-life and is stored in the adipose tissue. The metabolically active form of vitamin D, 1,25-di-hydroxy vitamin D, which has a short life, is then synthesized in the kidney as needed from circulating 25-hydroxy vitamin D. The reference interval of greater than 30 ng/mL is a target value established by the Endocrine Society.

# **Decreased Levels:**

Inadequate exposure to sunlight.

Dietary deficiency.

Vitamin D malabsorption.

Severe Hepatocellular disease.

Drugs like Anticonvulsants.

Nephrotic syndrome.

# **Increased levels:**

Vitamin D intoxication.

Page 16 of 20

Dr.Sandip Kumar Banerjee M.B.B.S,M.D(PATHOLOGY),D.P.B Consultant Pathologist

SIN No:IM07609405

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)
CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: 9920144559

: Dr.SELF

Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 03:27PM

Reported

: 01/Jun/2024 05:41PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF IMMUNOLOGY**

ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
VITAMIN B12, SERUM	118	pg/mL	120-914	CLIA

#### **Comment:**

Vitamin B12 deficiency frequently causes macrocytic anemia, glossitis, peripheral neuropathy, weakness, hyperreflexia, ataxia, loss of proprioception, poor coordination, and affective behavioral changes. A significant increase in RBC MCV may be an important indicator of vitamin B12 deficiency.

Patients taking vitamin B12 supplementation may have misleading results. A normal serum concentration of B12 does not rule out tissue deficiency of vitamin B12. The most sensitive test for B12 deficiency at the cellular level is the assay for MMA. If clinical symptoms suggest deficiency, measurement of MMA and homocysteine should be considered, even if serum B12 concentrations are normal.

Page 17 of 20



Dr. Sandip Kumar Banerjee M.B.B.S,M.D(PATHOLOGY),D.P.B Consultant Pathologist

SIN No:IM07609405



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: 9920144559

: Dr.SELF

Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 11:33AM

Reported

: 01/Jun/2024 03:48PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF IMMUNOLOGY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
TOTAL PROSTATIC SPECIFIC ANTIGEN (tPSA) , SERUM	0.690	ng/mL	0-4	ELFA

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY Page 18 of 20



SIN No:SPL24093459

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)

CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: Dr.SELF : 9920144559 Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 03:20PM

Reported

: 01/Jun/2024 05:44PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

# **DEPARTMENT OF CLINICAL PATHOLOGY**

# ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 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	Physical measuremen
рН	6.0		5-7.5	DOUBLE INDICATOR
SP. GRAVITY	1.020		1.002-1.030	Dipstick
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	NEGATIVE		NORMAL	MODIFED EHRLICH REACTION
NITRITE	NEGATIVE		NEGATIVE	Griess reaction
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	Diazonium salt
CENTRIFUGED SEDIMENT WET M	OUNT AND MICROSCOPY	1		
PUS CELLS	1-2	/hpf	0-5	Microscopy
EPITHELIAL CELLS	0-1	/hpf	<10	MICROSCOPY
RBC	ABSENT	/hpf	0-2	MICROSCOPY
CASTS	NIL		0-2 Hyaline Cast	MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY

#### **Comment:**

All urine samples are checked for adequacy and suitability before examination. Microscopy findings are reported as an average of 10 high power fields.

Page 19 of 20



DR. APEKSHA MADAN MBBS, DPB PATHOLOGY

SIN No:UR2358916

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited) CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



: Mr.AMIT K JODHAVAT

Age/Gender

: 41 Y 7 M 0 D/M

UHID/MR No

: STAR.0000063402

Visit ID Ref Doctor : STAROPV70388

Emp/Auth/TPA ID

: Dr.SELF : 9920144559 Collected

: 01/Jun/2024 08:41AM

Received

: 01/Jun/2024 03:20PM

Reported

: 01/Jun/2024 05:44PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

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

ARCOFEMI - MEDIWHEEL FULL BODY COMPREHENSIVE HC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324

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

DR. APEKSHA MADAN MBBS, DPB PATHOLOGY Page 20 of 20



CIN No. LID 2250016

**Apollo Speciality Hospitals Private Limited** 

(Formely known as a Nova Speciality Hospitals Private Limited)

CIN- U85100TG2009PTC099414

**Regd Off:**1-10-62/62 ,5th Floor, Ashoka RaghupathiChambers, Begumpet, Hyderabad, Telangana - 500016

Address:



Patient Name	: Mr. Amit K Jodhavat	Age/Gender	: 41 Y/M	
UHID/MR No.	: STAR.0000063402	OP Visit No	: STAROPV70388	
Sample Collected on	:	Reported on	: 03-06-2024 11:44	
LRN#	: RAD2340497	Specimen	:	
<b>Ref Doctor</b>	: SELF			
Emp/Auth/TPA ID	9920144559			

# DEPARTMENT OF RADIOLOGY

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

LIVER: The liver is normal in size but shows mild diffuse increased echotexture suggestive of fatty infiltration (Grade I). No focal mass lesion is seen. The intrahepatic biliary tree & venous radicles appear normal. The portal vein and CBD appear normal.

**GALL** :The gall bladder is well distended and reveals normal wall thickness. There is no evidence of calculus seen in it.

**PANCREAS**: The pancreas is normal in size and echotexture. No focal mass lesion is seen.

**SPLEEN** :The spleen is normal in size and echotexture. No focal parenchymal mass lesion is seen. The splenic vein is normal.

**EXIDNEYS**: The **RIGHT KIDNEY** measures 11.0 x 5.1 cms and the **LEFT KIDNEY** measures 11.3 x 4.6 cms in size. Both kidneys are normal in size, shape and echotexture. There is no evidence of hydroneprosis or calculi seen on either side.

The para-aortic & iliac fossa regions appears normal. There is no free fluid or any lymphadenopathy seen in the abdomen.

**PROSTATE**: The prostate measures 3.2 x 2.6 x 2.4 cms and weighs 11.3 gms. It is normal in size, shape and echotexture. No prostatic calcification is seen.

URINARY : The urinary bladder is well distended and is normal in shape and contour.

**BLADDER** No intrinsic lesion or calculus is seen in it. The bladder wall is normal in thickness.

IMPRESSION: The Ultrasound examination reveals mild fatty infiltration of the Liver.

No other significant abnormality is detected.





Patient Name : Mr. Amit K Jodhavat Age/Gender : 41 Y/M

Dr. VINOD SHETTY

Radiology



Patient Name : Mr. Amit K Jodhavat Age/Gender : 41 Y/M

UHID/MR No.: STAR.0000063402OP Visit No: STAROPV70388Sample Collected on: 01-06-2024 11:56

**Ref Doctor** : SELF **Emp/Auth/TPA ID** : 9920144559

# 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. VINOD SHETTY**Radiology