



: Mr.TANVEER ANWAR

Age/Gender

: 47 Y 5 M 25 D/M : RIND.0000017247

UHID/MR No Visit ID

: RINDOPV17626

Ref Doctor

Emp/Auth/TPA ID

: Dr.SELF : 22E34425 Collected

: 28/Sep/2024 11:30AM

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Reported Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF HAEMATOLOGY**

# PERIPHERAL SMEAR, WHOLE BLOOD EDTA

RBCs ARE NORMOCYTIC NORMOCHROMIC.

TLC, DLC WITHIN NORMAL LIMIT. NO IMMATURE CELLS ARE SEEN.

PLATELETS ARE ADEQUATE.

NO HEMOPARASITES SEEN



Page 1 of 18



Dr.Kritika Jain M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:BED240233349





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#### **DEPARTMENT OF HAEMATOLOGY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	13.7	g/dL	13-17	Spectrophotometer
PCV	41.60	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.49	Million/cu.mm	4.5-5.5	Electrical Impedence
MCV	76	fL	83-101	Calculated
MCH	24.9	pg	27-32	Calculated
MCHC	32.8	g/dL	31.5-34.5	Calculated
R.D.W	15.4	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	5,600	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT (	DLC)			·
NEUTROPHILS	66	%	40-80	Electrical Impedance
LYMPHOCYTES	27	%	20-40	Electrical Impedance
EOSINOPHILS	03	%	1-6	Electrical Impedance
MONOCYTES	04	%	2-10	Electrical Impedance
BASOPHILS	00	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	3696	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	1512	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	168	Cells/cu.mm	20-500	Calculated
MONOCYTES	224	Cells/cu.mm	200-1000	Calculated
Neutrophil lymphocyte ratio (NLR)	2.44		0.78- 3.53	Calculated
PLATELET COUNT	248000	cells/cu.mm	150000-410000	Electrical impedence
ERYTHROCYTE SEDIMENTATION RATE (ESR)	05	mm at the end of 1 hour	0-15	Modified Westergren
ERIPHERAL SMEAR				

RBCs ARE NORMOCYTIC NORMOCHROMIC.

TLC, DLC WITHIN NORMAL LIMIT. NO IMMATURE CELLS ARE SEEN.

PLATELETS ARE ADEQUATE.

NO HEMOPARASITES SEEN

Page 2 of 18



Dr.Kritika Jain

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

Consultant Pathologist

SIN No:BED240233349





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# **DEPARTMENT OF HAEMATOLOGY**

# ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method		
BLOOD GROUP ABO AND RH FACTOR , WHOLE BLOOD EDTA						
BLOOD GROUP TYPE	В			Forward & Reverse Grouping with Slide/Tube Aggluti		
Rh TYPE	POSITIVE			Forward & Reverse Grouping with Slide/Tube Agglutination		



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Dr.Kritika Jain M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:BED240233349





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: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF BIOCHEMISTRY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE, FASTING, NAF PLASMA	98	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. Interval	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS, SODIUM FLUORIDE PLASMA (2 HR)	118	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 other.

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.

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Dr.Kritika Jain M.B.B.S,M.D(Pathology)

Consultant Pathologist

SIN No:PLP1486462







Patient Name : Mr.TANVEER ANWAR

Age/Gender : 47 Y 5 M 25 D/M
UHID/MR No : RIND.0000017247

Visit ID : RINDOPV17626

Ref Doctor : Dr.SELF Emp/Auth/TPA ID : 22E34425 MC- 6048

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# **DEPARTMENT OF BIOCHEMISTRY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
HBA1C (GLYCATED HEMOGLOBIN),	WHOLE BLOOD EDTA			
HBA1C, GLYCATED HEMOGLOBIN	5.5	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	111	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)

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# **DEPARTMENT OF BIOCHEMISTRY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
LIPID PROFILE , SERUM		'		<u>'</u>
TOTAL CHOLESTEROL	258	mg/dL	<200	CHE/CHO/POD
TRIGLYCERIDES	104	mg/dL	<150	Enzymatic
HDL CHOLESTEROL	44	mg/dL	40-60	CHOD
NON-HDL CHOLESTEROL	213	mg/dL	<130	Calculated
LDL CHOLESTEROL	192.61	mg/dL	<100	Calculated
VLDL CHOLESTEROL	20.78	mg/dL	<30	Calculated
CHOL / HDL RATIO	5.82		0-4.97	Calculated
ATHEROGENIC INDEX (AIP)	0.01		<0.11	Calculated

Kindly correlate clinically.

# **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.

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Dr.Kritika Jain M.B.B.S,M.D(Pathology)

Consultant Pathologist





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#### **DEPARTMENT OF BIOCHEMISTRY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
LIVER FUNCTION TEST (LFT) , SERUM				
BILIRUBIN, TOTAL	0.77	mg/dL	0.20-1.20	Colorimetric
BILIRUBIN CONJUGATED (DIRECT)	0.22	mg/dl	0-0.2	Diazotized sulfanilic acid
BILIRUBIN (INDIRECT)	0.55	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	72.15	U/L	21-72	UV with P-5-P
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	37.4	U/L	17-59	UV with P-5-P
AST (SGOT) / ALT (SGPT) RATIO (DE RITIS)	0.5		<1.15	Calculated
ALKALINE PHOSPHATASE	125.92	U/L	38-126	p-nitrophenyl phosphate
PROTEIN, TOTAL	7.87	g/dL	6.3-8.2	Biuret
ALBUMIN	4.29	g/dL	3.5 - 5	Bromocresol Green
GLOBULIN	3.58	g/dL	2.0-3.5	Calculated
A/G RATIO	1.2		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. 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:

- \*ALP Disproportionate increase in ALP compared with AST, ALT. ALP elevation also seen in pregnancy, impacted by age and sex. \*Bilirubin elevated-predominantly direct, To establish the hepatic origin correlation with elevated GGT helps.
- 3. Synthetic function impairment:
- \*Albumin- Liver disease reduces albumin levels, Correlation with PT (Prothrombin Time) helps.
- 4. Associated tests for assessment of liver fibrosis Fibrosis-4 and APRI Index.

Page 7 of 18



Dr.Kritika Jain

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

Consultant Pathologist





: Mr.TANVEER ANWAR

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# **DEPARTMENT OF BIOCHEMISTRY**

ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324



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Dr.Kritika Jain M.B.B.S,M.D(Pathology) Consultant Pathologist





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#### **DEPARTMENT OF BIOCHEMISTRY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
IVER FUNCTION TEST (LFT) WITH GGT ,	SERUM			
BILIRUBIN, TOTAL	0.77	mg/dL	0.20-1.20	Colorimetric
BILIRUBIN CONJUGATED (DIRECT)	0.22	mg/dl	0-0.2	Diazotized sulfanilic acid
BILIRUBIN (INDIRECT)	0.55	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	72.15	U/L	21-72	UV with P-5-P
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	37.4	U/L	17-59	UV with P-5-P
AST (SGOT) / ALT (SGPT) RATIO (DE RITIS)	0.5		<1.15	Calculated
ALKALINE PHOSPHATASE	125.92	U/L	38-126	p-nitrophenyl phosphate
PROTEIN, TOTAL	7.87	g/dL	6.3-8.2	Biuret
ALBUMIN	4.29	g/dL	3.5 - 5	Bromocresol Green
GLOBULIN	3.58	g/dL	2.0-3.5	Calculated
A/G RATIO	1.2	+ 1/	0.9-2.0	Calculated
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT)	69.00	U/L	15-73	Glyclyclycine Nitoranalide

### **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. 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:

\*ALP – Disproportionate increase in ALP compared with AST, ALT. ALP elevation also seen in pregnancy, impacted by age and sex. \*Bilirubin elevated-predominantly direct, To establish the hepatic origin correlation with elevated GGT helps.

3. Synthetic function impairment:

\*Albumin-Liver disease reduces albumin levels, Correlation with PT (Prothrombin Time) helps.

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

Consultant Pathologist







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#### **DEPARTMENT OF BIOCHEMISTRY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

4. Associated tests for assessment of liver fibrosis - Fibrosis-4 and APRI Index.



Page 10 of 18



Dr.Kritika Jain
M.B.B.S,M.D(Pathology)
Consultant Pathologist





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# ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
RENAL PROFILE/KIDNEY FUNCTION	TEST (RFT/KFT), SEF	RUM		
CREATININE	1.22	mg/dL	0.67-1.17	Enzymatic colorimetric
UREA	33.00	mg/dL	19-43	Urease
BLOOD UREA NITROGEN	15.4	mg/dL	8.0 - 23.0	Calculated
URIC ACID	7.60	mg/dL	3.5-7.2	Uricase
CALCIUM	9.60	mg/dL	8.4 - 10.2	Arsenazo-III
PHOSPHORUS, INORGANIC	2.83	mg/dL	2.5-4.5	PMA Phenol
SODIUM	138	mmol/L	135-145	Direct ISE
POTASSIUM	4.5	mmol/L	3.5-5.1	Direct ISE
CHLORIDE	104	mmol/L	98 - 107	Direct ISE
PROTEIN, TOTAL	7.87	g/dL	6.3-8.2	Biuret
ALBUMIN	4.29	g/dL	3.5 - 5	Bromocresol Green
GLOBULIN	3.58	g/dL	2.0-3.5	Calculated
A/G RATIO	1.2	ATI	0.9-2.0	Calculated

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Dr.Kritika Jain M.B.B.S,M.D(Pathology) Consultant Pathologist





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#### **DEPARTMENT OF BIOCHEMISTRY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
ALKALINE PHOSPHATASE, SERUM	125.92	U/L	38-126	p-nitrophenyl phosphate



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Dr.Kritika Jain M.B.B.S,M.D(Pathology) Consultant Pathologist







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: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF IMMUNOLOGY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method	
THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM					
TRI-IODOTHYRONINE (T3, TOTAL)	1.04	ng/mL	0.41-1.47	CLIA	
THYROXINE (T4, TOTAL)	9.405	μg/dL	4.5-12.6	CLIA	
THYROID STIMULATING HORMONE (TSH)	2.748	mIU/L	0.38-5.33	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	<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
N/Low	High	N	N	T3 Thyrotoxicosis, Non thyroidal causes

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Dr.Tanish Mandal M.B.B.S,M.D(Pathology) Consultant Pathologist SIN No:SPL24141853







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# **DEPARTMENT OF IMMUNOLOGY**

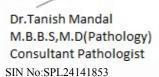
# ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma
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Patient Name : Mr.TANVEER ANWAR

Age/Gender

: 47 Y 5 M 25 D/M

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: 28/Sep/2024 04:35PM : 28/Sep/2024 07:23PM

Status : Final Report

Sponsor Name : ARCC

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF IMMUNOLOGY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
VITAMIN D (25 - OH VITAMIN D) , SERUM	25.8	ng/mL	30-100	CLIA

#### **Comment:**

# **BIOLOGICAL REFERENCE RANGES**

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.

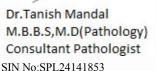
Nephrotic syndrome.

# **Increased levels:**

Vitamin D intoxication.

Test Name Result Unit Bio. Ref. Interval Method

Page 15 of 18









Patient Name : Mr.TANVEER ANWAR

Age/Gender

: 47 Y 5 M 25 D/M : RIND.0000017247

UHID/MR No Visit ID

: RINDOPV17626

Ref Doctor Emp/Auth/TPA ID : Dr.SELF

: 22E34425

Collected

: 28/Sep/2024 11:30AM

Received Reported : 28/Sep/2024 04:35PM : 28/Sep/2024 07:23PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

#### **DEPARTMENT OF IMMUNOLOGY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

**VITAMIN B12**, *SERUM* 826 pg/mL 200-900 CLIA

#### **Comment:**

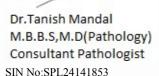
Vitamin B12 deficiency frequently causes macrocytic anemia, glossitis, peripheral neuropathy, weakness, hyperreflexia, ataxia, loss of proprioception, poor coordination, and affective behavioral changes. A significant increase in RBC MCV may be an important indicator of vitamin B12 deficiency.

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 16 of 18









: Mr.TANVEER ANWAR

Age/Gender

: 47 Y 5 M 25 D/M

UHID/MR No Visit ID : RIND.0000017247

Ref Doctor

: RINDOPV17626

Emp/Auth/TPA ID

: Dr.SELF : 22E34425 Collected

: 28/Sep/2024 06:49PM

Received

: 28/Sep/2024 07:04PM

Reported Status : 29/Sep/2024 06:38AM

Sponsor Name

: Final Report : ARCOFEMI HEALTHCARE LIMITED

# **DEPARTMENT OF CLINICAL PATHOLOGY**

#### ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
COMPLETE URINE EXAMINATION (	CUE) , URINE			
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Physical Measuremen
pH	6.0		5-7.5	Double Indicator
SP. GRAVITY	1.010		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	NEGATIVE		NORMAL	Modifed Ehrlich Reaction
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	Leucocyte Esterase
CENTRIFUGED SEDIMENT WET M	OUNT AND MICROSCOP	Y //		
PUS CELLS	1-2	/hpf	0-5	Microscopy
EPITHELIAL CELLS	2-3	/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. All abnormal chemical examination are rechecked and verified by manual methods.

Microscopy findings are reported as an average of 10 high power fields.

Page 17 of 18



Dr.Kritika Jain M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:UR2414565





: Mr.TANVEER ANWAR

Age/Gender

: 47 Y 5 M 25 D/M

UHID/MR No Visit ID : RIND.0000017247

Ref Doctor

: RINDOPV17626

Emp/Auth/TPA ID

: Dr.SELF : 22E34425 Collected

: 28/Sep/2024 06:49PM

Received

: 28/Sep/2024 07:04PM : 29/Sep/2024 06:38AM

Reported Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

# **DEPARTMENT OF CLINICAL PATHOLOGY**

# ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - TMT - PAN INDIA - FY2324

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

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

Result/s to Follow:

TOTAL PROSTATIC SPECIFIC ANTIGEN (PSA) - ULTRASENSITIVE



Page 18 of 18



Dr.Kritika Jain M.B.B.S,M.D(Pathology) Consultant Pathologist

SIN No:UF012126





Patient Name : Mr.TANVEER ANWAR

Age/Gender : 47 Y 5 M 25 D/M

UHID/MR No : RIND.0000017247

Visit ID : RINDOPV17626 Ref Doctor : Dr.SELF

Emp/Auth/TPA ID : 22E34425

Collected : 28/Sep/2024 06:49PM Received : 28/Sep/2024 07:04PM

Reported : 29/Sep/2024 06:38AM

Status : Final Report

Sponsor Name : ARCOFEMI HEALTHCARE LIMITED

#### TERMS AND CONDITIONS GOVERNING THIS REPORT

The reported results are for information and interpretation of the referring doctor or such other medical professionals, who understand reporting units, reference ranges and limitations of technologies.

Laboratories not be responsible for any interpretation whatsoever.

It is presumed that the tests performed are, on the specimen / sample being to the patient named or identified and the verifications of the particulars have been cleared out by the patient or his / her representative at the point of generation of said specimen.

The reported results are restricted to the given specimen only. Results may vary from lab to lab and from time to time for the same parameter for the same patient.

Assays are performed in accordance with standard procedures, The reported results are dependent on individual assay methods / equipment used and quality of specimen received.

This report is not valid for medico legal purposes.

Dr.Kritika Jain M.B.B.S,M.D(Pathology) Consultant Pathologist





Patient Name : Mr. TANVEER ANWAR Age/Gender : 47 Y/M

 UHID/MR No.
 : RIND.0000017247
 OP Visit No
 : RINDOPV17626

 Sample Collected on
 : 30-09-2024 11:10

**Ref Doctor** : SELF **Emp/Auth/TPA ID** : 22E34425

# DEPARTMENT OF RADIOLOGY

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

LIVER: Liver is enlarged in size (19.3cm) and the parenchymal echotexture shows grade-2 diffuse fatty infiltration. Intra-hepatic biliary radicals are not dilated. Portal vein is normal in course and calibre.

GALL BLADDER: 3.3 x 2.6 mm sized small polyp seen in gall bladder. No pericholecystic fluid noted. Common duct is not dilated.

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

**SPLEEN:** Spleen is normal in size, shape and echopattern. No focal lesion seen. Hilum is normal.

**KIDNEYS:** Both the kidneys are normal in position, shape, size, outline and echotexture. Cortico-medullary differentiation of both kidneys is maintained. Central sinus echoes are compact.

Visualized parts of the retroperitoneum do not reveal any lymphadenopathy.

**URINARY BLADDER:** Urinary bladder is normal in wall thickness with clear contents. No obvious intraluminal mass or calculus is seen.

PROSTATE: Prostate is enlarged in size and volume measuring about 48 cc.

Prevoid volume of urine - 496 cc.

Postvoid volume of urine - 38 cc.

No free fluid is seen in the peritoneal cavity.

IMPRESSION: (1)Hepatomegaly with grade 2 fatty infiltration of the liver.

- (2) Small gall bladder polyp.
- (3) Prostatomegaly as described above.



Patient Name : Mr. TANVEER ANWAR Age/Gender : 47 Y/M

# SUGGEST CLINICAL CORRELATION

(The sonography findings should always be considered in correlation with the clinical and other investigation finding where applicable.) It is only a professional opinion, Not valid for medico legal purpose.

Dr. SANGEETA AGGARWAL

MBBS, MD

Radiology

SGT TANVEER ANWAR

DOB: 03 Apr 1977
DOM: 13 Nov 2020

AIR FORCE

B+ve

GENERAL

# **FO Cradle**

From:

noreply@apolloclinics.info

Sent:

27 September 2024 13:55

To:

Tanveeranwar222@gmail.com

Cc:

fo.indira@apollocradle.com

Subject:

Your appointment is confirmed



# Dear MR. ANWAR TANVEER,

Greetings from Apollo Clinics,

Your corporate health check appointment is confirmed at Apollo Cradle & Children's Hospital Indirapuram clinic on 2024-09-28 at 08:00-08:30.

Payment Mode	
Corporate Name	ARCOFEMI HEALTHCARE LIMITED
Agreement Name	[ARCOFEMI MEDIWHEEL AHC CREDIT PAN INDIA OP AGREEMENT]
Package Name	[ARCOFEMI - MEDIWHEEL FULL BODY ADVANCED AHC AND VITAMIN MALE - 2D ECHO - PAN INDIA - FY2324]

<sup>&</sup>quot;Kindly carry with you relevant documents such as HR issued authorization letter and or appointment confirmation mail and or valid government ID proof and or company ID card and or voucher as per our agreement with your company or sponsor."

Note: Video recording or taking photos inside the clinic premises or during camps is not allowed and would attract legal consequences.

Note: Also once appointment is booked, based on availability of doctors at clinics tests will happen, any pending test will happen based on doctor availability and clinics will be updating the same to customers.



# **CERTIFICATE OF MEDICAL FITNESS**

May - Tanvers Anwar on 30/9/24

This is to certify that I have conducted the clinical examination

	Ţ
Medically Fit	
Fit with restrictions/recommendar	tions ,
Though following restrictions have not impediments to the job.	ve been revealed, in my opinion, these are
2	
3	

Unfit

Review after

Review after

Currently Unfit.

Regd. No. DMO Children's Hospita Apollo Cradle and Children's Hospita Apollo Cradle and Children's Hospita Apollo Cradle and Children's Hospita NH-1, Shakii Khand-2, Indirapurah NH-1, Shakii Khand-2, Indirapurah

**Medical Officer** 

This certificate is not meant for medico-legal purposes

Address: NH-1, Shakti Khand 2, Indirapuram, Ghaziabad, Uttar Pradesh – 201014. Ph No: +91 88106 85179, 1860 500 4424

# **Apollo Specialty Hospitals Private Limited**

(Formerly known as Nova Specialty Hospitals Private Limited) CIN - U85100TG2009PTC099414





Height: 166 2	Weight 80 C9	BMI: 29 Kg/m2	Waist Circum :
Temp: 977	Pulse 8 2	Resp:	B.P: 127 79

General Examination/Allergies History

Cinical Diagnosis & Management Plan

Follow up date

**Doctor Signature** 

OUR NETWORK: AMRITSAR | BENGALURU | CHENNAI | HYDERABAD | DELHI NCR

Visit us: www.apollocradle.com 🌸 Write to us: contactus@apollocradle.com







# APOLLO CRADLE- INDRAPURAM

# **DIET CHART**

NAME:

AGE:

**UHID:** 

Tamen DATE: 30/9/9mg Low for diet; Indhede garic, hours

# small sneaks in between (fruits, salad and buttermilk)

11. Include white meat only i. e. chicken, fish and egg white in the grilled, boiled or curry form. moid

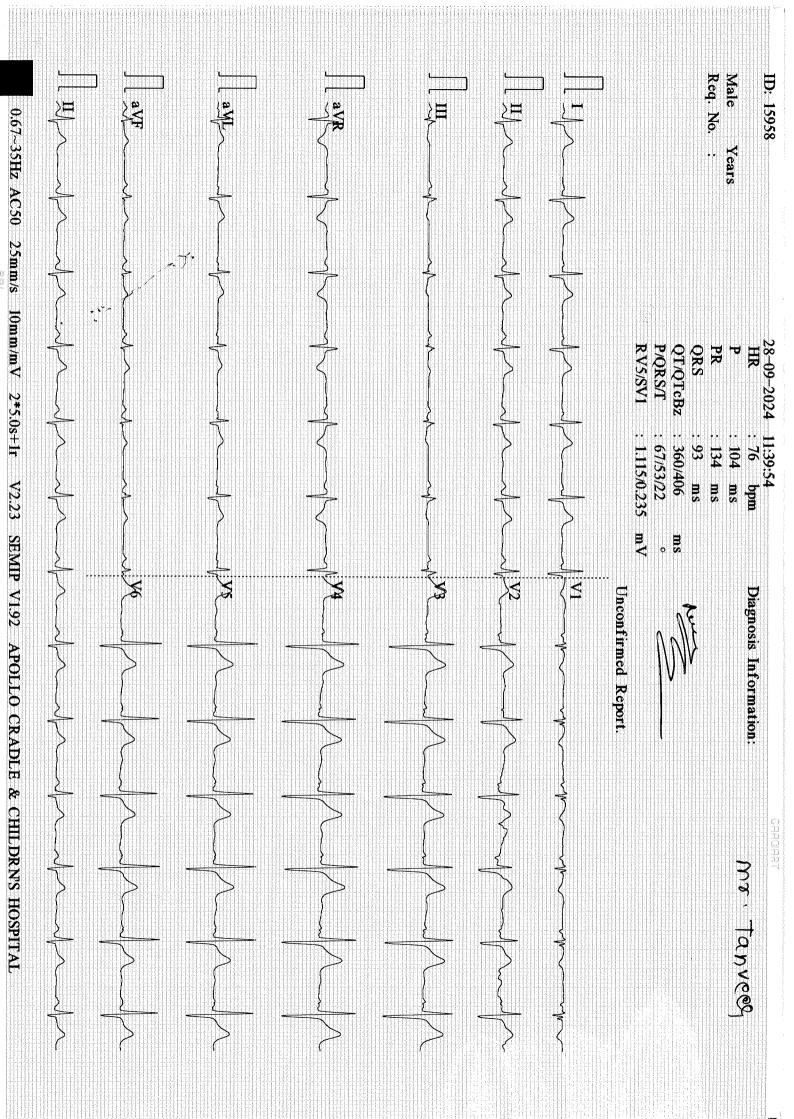
# **DIETARY ADVICE FOR A HEALTHY LIFESTYEL**

- 1. Consume at least 500 ml. of milk per day (including coffee, tea, curd and buttermilk) preferably toned or double toned.
- 2. Use whole grains and pulses rather than refined cereals like maida.
- 3. If mixing cereals with pulses for chapathi, use in the following proportion; 4 parts of cereal + 1 part of soya atta.
- 4. Liberal intake of green leafy vegetables in the form of soups, salads, mixed vegetable raita, cooked vegetables as sabzis etc.
- 5. Judicious intake of roots and tubers like potatoes, colocasia, sweet potato, yam, etc.
- **6.** Prefer taking fruits over their juices. Low calorie fruits like apple, papaya, pear, peach, orange, sweet lime melon, pomegranate, guava should be preferred.
- 7. Select roasted snakes such as channa, puffed rice and heart healthy nuts like almonds, walnuts and choose low fat milk beverages over other unhealthy
- 8. Consume at least 2 liter of water every day.
- 9. A gap of 2 hours is required between dinner and bed time.
- 10. Cultivate the habit of having food at smaller intervals and in small quantities like 3 major meals and 3 - 4

# **FOOD TO BE AVOIDED**

- 1. Extra sugar in the form of excess coffee, tea, sweets, glucose, soft drinks, honey, jams, jellies, candies, ice cream and other sweetened beverages.
- 2. Deep fried items such as samosa, Kachori, Namkeen, parathas, wafer etc. Eating bakery products on a daily basis.
- 3. Red meat like lamb (mutton), prawns, crab and organ meat.
- 4. Dried fruits like coconut and cashew nuts etc.
- 5. Fruits like avocados, mango, chikoo, grapes, custard apple, jackfruit and big bananas on a daily basis.
- 6. Extra salt on the table (top salt) daily consumption of pckeles, papads, ready-to-eat food, processed foods, salted nuts, salted fish and chutney powders which contain salt as a major preserving agent.

Address: NH-1, Shakti Khand 2, Indirapuram, Ghaziabad, Uttar Pradesh 201014





Patient Name : Mr. TANVEER ANWAR Age/Gender : 47 Y/M

 UHID/MR No.
 : RIND.0000017247
 OP Visit No
 : RINDOPV17626

 Sample Collected on
 : 28-09-2024 15:41

**Ref Doctor** : SELF **Emp/Auth/TPA ID** : 22E34425

# DEPARTMENT OF RADIOLOGY

#### X-RAY CHEST PA

Both the lung fields and hilar shadows appears normal.

There is no obvious active pleuro-parenchymal lesion seen.

Both the costophrenic and cardiophrenic angles are clear.

Cardiac size appears within normal limits.

Both dome of hemidiaphragms are normal in position and contour.

Thoracic wall and soft tissues under view appear normal.

# **CONCLUSION:**

No obvious abnormality seen

Dr. SANGEETA AGGARWAL MBBS, MD

Radiology

KINDLY NOTE: DENTAL CONSULTATION TEST PENDING

Patient Name : Mr. TANVEER ANWAR Age : 47 Y/M

UHID : RIND.0000017247 OP Visit No : RINDOPV17626 Conducted By: : Dr. SANJIV KUMAR GUPTA Conducted Date : 28-09-2024 14:55

Referred By : SELF

# **CARDIOLOGY**

	CARDIAC STRESS TEST – (TMT)		
Angina Pectoria: NO			
Previous MI: NO			
PTCA: NO			
CABG: NO			
HTN: NO			
DM: NO			
Smoking: NO			
Obesity: NO			
Lipidemia: NO			
Resting ECG Supine: NORMAL			
Standing: NORMAL			
Protocol Used: BRUCE			
Monitoring Leads: 12 LEADS			

Patient Name	: Mr. TANVEER ANWAR	Age	: 47 Y/M	
UHID	: RIND.0000017247	OP Visit No	: RINDOPV17626	
Conducted By:	: Dr. SANJIV KUMAR GUPTA	Conducted Date	: 28-09-2024 14:55	
Referred By	: SELF			
Grade Achieved:				
14				
94% HR / METS:				
7.4				
Reason for Terminat	ing Test:			
TEST COMPLETE				
Total Exercise Time	:			
06:18 MIN				
Symptoms and ECG	Changes during Exercise:			
NO SYMPTOMS N	O SIGNIFICANT ST T CHANGES			
1.6				
4.6 mts:	O SIGNIFICANT ST T CHANGES			
NO STWITTOWS N	O SIGNIFICANT ST T CHANGES			
7.0 mts:				
NO SYMPTOMS N	O SIGNIFICANT ST T CHANGES			
<b>7</b> 4				
7.4 mts:	O SIGNIFICANT ST T CHANGES			
NO STMFTOMS N	O SIGNIFICANT ST T CHANGES			
RECOVERY				
NO SYMPTOMS N	O SIGNIFICANT ST T CHANGES			
INTERPRETATIO	N.			
IVIERIRETATIO	111.			
Rhythm:				
NORMAL				
S.T. Segment:				
NORMAL				
Blood Pressure Resp	oonse:			
NORMAL				
Fitness Response :				

Patient Name : Mr. TANVEER ANWAR Age : 47 Y/M

UHID : RIND.0000017247 OP Visit No : RINDOPV17626 Conducted By: : Dr. SANJIV KUMAR GUPTA Conducted Date : 28-09-2024 14:55

Referred By : SELF

GOOD

# Impression:

Cardiac stress analysis is NEGATIVE for inducible myocardial ischaemia at good work load and 94% of MPHR.

---- END OF THE REPORT ----

Dr. SANJIV KUMAR GUPTA