

PATIENT NAME : NIRBHAYA ASHOKKUMAR N			DR. ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )
CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 0321WGO	001434	AGE/SEX : 35 Years Male
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST	PATIENT ID : NIRBM031	.087321	DRAWN :08/07/2023 00:00:00
DELHI	ABIENT BATIENT ID:		RECEIVED : 08/07/2023 08:13:08
NEW DELHI 110030			REPORTED :10/07/2023 13:56:57
8800465156			
Test Report Status <u>Final</u>	Results	Biological	Reference Interval Units
MEDI WHEEL FULL BODY HEALTH CHECK UP I	BELOW 40 MALE		
XRAY-CHEST			
IMPRESSION	NO ABNORMALITY DETECT	ΓED	
ECG			
ECG	NORMAL SINUS RHYTHM		
MEDICAL HISTORY			
RELEVANT PRESENT HISTORY	NOT SIGNIFICANT		
RELEVANT PAST HISTORY	NOT SIGNIFICANT		
RELEVANT PERSONAL HISTORY	NOT SIGNIFICANT		
RELEVANT FAMILY HISTORY	NOT SIGNIFICANT		
OCCUPATIONAL HISTORY	NOT SIGNIFICANT		
HISTORY OF MEDICATIONS	NOT SIGNIFICANT		
ANTHROPOMETRIC DATA & BMI			
HEIGHT IN METERS	1.55		mts
WEIGHT IN KGS.	56.3		Kgs
BMI	23		eight Status as follo <b>kg</b> /sqmts
			.5: Underweight
			.9: Normal .9: Overweight
			Above: Obese
GENERAL EXAMINATION			
MENTAL / EMOTIONAL STATE	NORMAL		
PHYSICAL ATTITUDE	NORMAL		
GENERAL APPEARANCE / NUTRITIONAL STATUS	HEALTHY		
BUILT / SKELETAL FRAMEWORK	AVERAGE		
FACIAL APPEARANCE	NORMAL		
SKIN	NORMAL		
UPPER LIMB	NORMAL		
LOWER LIMB	NORMAL		
NECK	NORMAL		
NECK LYMPHATICS / SALIVARY GLANDS	NOT ENLARGED OR TENDE	ER	
THYROID GLAND	NOT ENLARGED		

P. V. Kepadia

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**Dr.Priyank Kapadia** Physician

Dr.Jinal kamodia **Consultant Radiology**  Page 1 Of 22



View Report

<u>View Details</u>





CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 0321WG0	001434	AGE/SEX : 35 Years Male	
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	PATIENT ID : NIRBM031		DRAWN :08/07/2023 00:00:00	
F-703, LADO SARAI, MEHRAULISOUTH WEST	CHIENT ID:	007521	RECEIVED : 08/07/2023 08:13:08	
DELHI NEW DELHI 110030	ABHA'NU		REPORTED :10/07/2023 13:56:57	
8800465156				
Test Report Status <u>Final</u>	Results	Biological	l Reference Interval Units	
TEMPERATURE	NORMAL			
PULSE	66/MIN			
RESPIRATORY RATE	NORMAL			
CARDIOVASCULAR SYSTEM				
BP	130/80 MM HG (SITTING)		mm/Hg	
PERICARDIUM	NORMAL			
APEX BEAT	NORMAL			
HEART SOUNDS	S1, S2 HEARD NORMALLY			
MURMURS	ABSENT			
RESPIRATORY SYSTEM				
SIZE AND SHAPE OF CHEST	NORMAL			
MOVEMENTS OF CHEST	SYMMETRICAL			
BREATH SOUNDS INTENSITY	NORMAL			
BREATH SOUNDS QUALITY	VESICULAR (NORMAL)			
ADDED SOUNDS	ABSENT			
PER ABDOMEN				
APPEARANCE	NORMAL			
LIVER	NOT PALPABLE			
SPLEEN	NOT PALPABLE			
CENTRAL NERVOUS SYSTEM				
HIGHER FUNCTIONS	NORMAL			
CRANIAL NERVES	NORMAL			
CEREBELLAR FUNCTIONS	NORMAL			
SENSORY SYSTEM	NORMAL			
MOTOR SYSTEM	NORMAL			
REFLEXES	NORMAL			
MUSCULOSKELETAL SYSTEM				
SPINE	NORMAL			
JOINTS	NORMAL			
BASIC EYE EXAMINATION				
DISTANT VISION RIGHT EYE WITH GLASSES	WITH GLASSES NORMAL			

P. V. Kepadia

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**Dr.Priyank Kapadia** Physician

Dr.Jinal kamodia **Consultant Radiology** 

**PERFORMED AT :** Agilus Diagnostics Ltd. Grand Mall, Opposite Sbi Zonal Office,Sm Road, Ambawadi, Ahmedabad, 380015 Gujrat, India Tel : 079-48912999,079-48913999,079-48914999 Email : customercare.ahmedabad@agilus.in

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PATIENT NAME : NIRBHAYA ASHOKKUMAR MERVANA REF. DOCTOR : DR. ACROFEMI HEALTHCARE LTT. (MEDIWHEEL)		
CODE/NAME & ADDRESS : C000138364 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030 8800465156	ACCESSION NO : <b>0321WG001434</b> PATIENT ID : NIRBM031087321 GLIENT BATIENT ID:	AGE/SEX :35 Years Male DRAWN :08/07/2023 00:00:00 RECEIVED :08/07/2023 08:13:08 REPORTED :10/07/2023 13:56:57
Test Report Status <u>Final</u>	Results Biologic	al Reference Interval Units
DISTANT VISION LEFT EYE WITH GLASSES NEAR VISION RIGHT EYE WITHOUT GLASSES NEAR VISION LEFT EYE WITHOUT GLASSES COLOUR VISION SUMMARY	WITH GLASSES NORMAL WITHIN NORMAL LIMIT WITHIN NORMAL LIMIT PARTIAL COLOUR BLINDNESS	
RELEVANT HISTORY RELEVANT GP EXAMINATION FINDINGS RELEVANT LAB INVESTIGATIONS	NOT SIGNIFICANT PARTIAL COLOUR BLINDNESS FBS:- HIGH	
RELEVANT NON PATHOLOGY DIAGNOSTICS REMARKS / RECOMMENDATIONS	HBA1C:- DIABETIC, MEAN PLASMA G TRIGLYCERIDES:- HIGH, HDL:- LOW, NO ABNORMALITIES DETECTED 1) FBS:- HIGH, HBA1C:- DIABETIC, H	, VLDL:- HIGH
	ADV:- REDUCE INTAKE OF SWEET, S PHYSICAL EXERCISE, REPEAT FBS, P DIABETOLOGIST OPINION	
	2) TRIGLYCERIDES:- HIGH, HDL:- LC	DW, VLDL:- HIGH
	ADV:- LOW FAT DIET, REGULAR PHYS	SICAL EXERCISE
Comments		
OUD DANEL DOCTORS FOR NON DATHOLOCY TESTS		

OUR PANEL DOCTORS FOR NON-PATHOLOGY TESTS:-

CHECK UP DONE BY:- DR. NAMRATA AGRAWAL (M.B.B.S)

REPORT REVIEWED BY:- DR. PRIYANK KAPADIYA (M.B.B.S DNB MEDICINE)

RADIOLOGIST:- DR. SAHIL N SHAH (M.D.RADIOLOGY) / DR. J. S. KAMODIA (M. D. RADIOLOGY)

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Dr.Priyank Kapadia Physician



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Patient Ref. No. 775000003829675



PATIENT NAME : NIRBHAYA ASHOKKUMAR MER		R. ACROFEMI HEALTHCARE LTD MEDIWHEEL )
E-703 LADO SARAT MEHRAULISOUTH WEST	ACCESSION NO : <b>0321WG001434</b> PATIENT ID : NIRBM031087321 SEFAN PATIENT ID:	AGE/SEX :35 Years Male DRAWN :08/07/2023 00:00:00 RECEIVED :08/07/2023 08:13:08 REPORTED :10/07/2023 13:56:57
Test Report Status <u>Final</u>	Results	Units

MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

# ULTRASOUND ABDOMEN

ULTRASOUND ABDOMEN NO ABNORMALITIES DETECTED

TMT OR ECHO

TMT OR ECHO 2D ECHO:-

1) NORMAL CHAMBERS AND VALVES.

2) GOOD LV SYSTOLIC FUNCTION. LVEF 60%. NO RWMA AT REST.

3) NO MR, AR, TR.

4) NORMAL LV COMPLIANCE.

5) NO PAH.

6) NO LV CLOT, VEGETATION OR PERICARDIAL EFFUSION.

7) IAS/IVS INTACT.

Interpretation(s)

P. V. Kapadia

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Dr.Priyank Kapadia Physician



Dr.Jinal kamodia Consultant Radiology

PERFORMED AT : Agilus Diagnostics Ltd. Grand Mall, Opposite Sbi Zonal Office,Sm Road, Ambawadi, Ahmedabad, 380015 Gujrat, India Tel : 079-48912999,079-48913999,079-48914999 Email : customercare.ahmedabad@agilus.in Page 4 Of 22





View Report



**Test Report Status** 

**Final** 



Biological Reference Interval Units

PATIENT NAME : NIRBHAYA ASHOKKUMAR MI	ERVANA REF. DOCTOR	: DR. ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )
CODE/NAME & ADDRESS : C000138364 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030 8800465156	ACCESSION NO : <b>0321WG001434</b> PATIENT ID : NIRBM031087321 GLIENT BATIENT ID:	AGE/SEX   :35 Years   Male     DRAWN   :08/07/2023   00:00:00     RECEIVED   :08/07/2023   08:13:08     REPORTED   :10/07/2023   13:56:57

Results

н	AEMATOLOGY - CBC		
MEDI WHEEL FULL BODY HEALTH CHECK UP B	ELOW 40 MALE		
BLOOD COUNTS, EDTA WHOLE BLOOD			
HEMOGLOBIN (HB) METHOD : PHOTOMETRIC MEASUREMENT	15.3	13.0 - 17.0	g/dL
RED BLOOD CELL (RBC) COUNT METHOD : COULTER PRINCIPLE	5.54 High	4.5 - 5.5	mil/µL
WHITE BLOOD CELL (WBC) COUNT METHOD : COULTER PRINCIPLE	6.45	4.0 - 10.0	thou/µL
PLATELET COUNT METHOD : COULTER PRINCIPLE	264	150 - 410	thou/µL
RBC AND PLATELET INDICES			
HEMATOCRIT (PCV) METHOD : CALCULATED	47.0	40.0 - 50.0	%
MEAN CORPUSCULAR VOLUME (MCV) METHOD : DERIVED PARAMETER FROM RBC HISTOGRAM	84.8	83.0 - 101.0	fL
MEAN CORPUSCULAR HEMOGLOBIN (MCH) METHOD : CALCULATED	27.5	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC) METHOD : CALCULATED	32.4	31.5 - 34.5	g/dL
RED CELL DISTRIBUTION WIDTH (RDW) METHOD : DERIVED PARAMETER FROM RBC HISTOGRAM	14.9 High	11.6 - 14.0	%
MENTZER INDEX METHOD : CALCULATED PARAMETER	15.3		
MEAN PLATELET VOLUME (MPV) METHOD : DERIVED PARAMETER FROM PLATELET HISTOGRAM	9.0	6.8 - 10.9	fL
WBC DIFFERENTIAL COUNT			
NEUTROPHILS METHOD : OPTICAL IMPEDENCE & MICROCSOPY	54	40 - 80	%
LYMPHOCYTES METHOD : OPTICAL IMPEDENCE & MICROCSOPY	37	20 - 40	%
MONOCYTES METHOD : OPTICAL IMPEDENCE & MICROCSOPY	5	2.0 - 10.0	%

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PATIENT NAME : NIRBHAYA ASHOKKUMAR	MERVANA	REF. DOCTOR : DR. ACROFE ( MEDIWHEI	
CODE/NAME & ADDRESS : C000138364 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030 8800465156	ACCESSION NO : <b>03</b> PATIENT ID : NIF SHEAT BATIENT ID:	RBM031087321 DRAWN RECEIVED	:35 Years Male :08/07/2023 00:00:00 :08/07/2023 08:13:08 :10/07/2023 13:56:57
Test Report Status <u>Final</u>	Results	Biological Referenc	e Interval Units
EOSINOPHILS METHOD : OPTICAL IMPEDENCE & MICROCSOPY	3	1.0 - 6.0	%
BASOPHILS METHOD : IMPEDANCE	1	0 - 1	%
ABSOLUTE NEUTROPHIL COUNT METHOD : CALCULATED	3.48	2.0 - 7.0	thou/µL
ABSOLUTE LYMPHOCYTE COUNT METHOD : CALCULATED PARAMETER	2.39	1.0 - 3.0	thou/µL
ABSOLUTE MONOCYTE COUNT METHOD : CALCULATED PARAMETER	0.32	0.2 - 1.0	thou/µL
ABSOLUTE EOSINOPHIL COUNT METHOD : CALCULATED	0.19	0.02 - 0.50	thou/µL
ABSOLUTE BASOPHIL COUNT METHOD : CALCULATED	0.06	0.02 - 0.10	thou/µL
NEUTROPHIL LYMPHOCYTE RATIO (NLR) METHOD : CALCULATED PARAMETER	1.5		
MORPHOLOGY			
RBC METHOD : MICROSCOPIC EXAMINATION	NORMOCYTIC NOR	MOCHROMIC	
WBC METHOD : MICROSCOPIC EXAMINATION	NORMAL MORPHOLOGY		
PLATELETS	ADEQUATE		
METHOD : MICROSCOPIC EXAMINATION	-		
REMARKS	NO PREMATURE CELLS ARE SEEN. MALARIAL PARASITE NOT DETECTED.		
METHOD : MICROSCOPIC EXAMINATION			

Interpretation(s) BLOOD COUNTS, EDTA WHOLE BLOOD-The cell morphology is well preserved for 24hrs. However after 24-48 hrs a progressive increase in MCV and HCT is observed leading to a decrease in MCHC. A direct smear is recommended for an accurate differential count and for examination of RBC morphology. RBC AND PLATELET INDICES-Mentzer index (MCV/RBC) is an automated cell-counter based calculated screen tool to differentiate cases of Iron deficiency anaemia(>13) from Beta thalassaemia trait

(<13) in patients with microcytic anaemia. This needs to be interpreted in line with clinical correlation and suspicion. Estimation of HbA2 remains the gold standard for diagnosing a case of beta thalassaemia trait.

WBC DIFFERENTIAL COUNT-The optimal threshold of 3.3 for NLR showed a prognostic possibility of clinical symptoms to change from mild to severe in COVID positive patients. When age = 49.5 years old and NLR = 3.3, 46.1% COVID-19 patients with mild disease might become severe. By contrast, when age < 49.5 years old and NLR < 3.3, COVID-19 patients tend to show mild disease.

(Reference to - The diagnostic and predictive role of NLR, d-NLR and PLR in COVID-19 patients A.-P. Yang, et al. International Immunopharmacology 84 (2020) 106504 This ratio element is a calculated parameter and out of NABL scope.

**Dr.Miral Gajera Consultant Pathologist** 







View Report

View Details





PATIENT NAME : NIRBHAYA ASHOKKUMAR MER		OR. ACROFEMI HEALTHCARE LTD MEDIWHEEL )
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	ACCESSION NO : <b>0321WG001434</b> РАПЕНТ ID : NIRBM031087321 SEIFAN BATIENT ID:	AGE/SEX     :35 Years     Male       DRAWN     :08/07/2023     00:00:00       RECEIVED     :08/07/2023     08:13:08       REPORTED     :10/07/2023     13:56:57

Test Report Status	<u>Final</u>
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Results

Biological Reference Interval Units

	HAEMATOLOGY			
MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE				
ERYTHROCYTE SEDIMENTATION RATE (ESR),W BLOOD	HOLE			
E.S.R METHOD : WESTERGREN METHOD	07	0 - 14	mm at 1 hr	
GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA V BLOOD	VHOLE			
HBA1C METHOD : HPLC	13.9 High	Non-diabetic: < 5.7 Pre-diabetics: 5.7 - 6.4 Diabetics: > or = 6.5 Therapeutic goals: < 7.0 Action suggested : > 8.0 (ADA Guideline 2021)	%	
ESTIMATED AVERAGE GLUCOSE(EAG)	352.2 High	< 116.0	mg/dL	

## Interpretation(s)

ERYTHROCYTE SEDIMENTATION RATE (ESR), WHOLE BLOOD-TEST DESCRIPTION :-Erythrocyte sedimentation rate (ESR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (sedimentation) of erythrocytes in a sample of blood that has been placed into a tall, thin, vertical tube. Results are reported as the millimetres of clear fluid (plasma) that are present at the top portion of the tube after one hour. Nowadays fully automated instruments are available to measure ESR.

ESR is not diagnostic it is a non-specific test that may be elevated in a number of different conditions. It provides general information about the presence of an inflammatory condition.CRP is superior to ESR because it is more sensitive and reflects a more rapid change. TEST INTERPRETATION

Increase in: Infections, Vasculities, Inflammatory arthritis, Renal disease, Anemia, Malignancies and plasma cell dyscrasias, Acute allergy Tissue injury, Pregnancy, Estrogen medication, Aging

Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, In pregnancy BRI in first trimester is 0-48 mm/hr(62 if anemic) and in second trimester (0-70 mm /hr(95 if anemic). ESR returns to normal 4th week post partum.

Decreased in: Polycythermia vera, Sickle cell anemia

## LIMITATIONS

False elevated ESR : Increased fibrinogen, Drugs(Vitamin A, Dextran etc), Hypercholesterolemia False Decreased : Poikilocytosis, (SickleCells, spherocytes), Microcytosis, Low fibrinogen, Very high WBC counts, Drugs (Quinine,

salicylates)

**REFERENCE** :

1. Nathan and Oski's Haematology of Infancy and Childhood, 5th edition 2. Paediatric reference intervals. AACC Press, 7th edition. Edited by S. Soldin 3. The reference for the adult reference range is "Practical Haematology by Dacie and Lewis,10th edition. GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE BLOOD-Used For:

1. Evaluating the long-term control of blood glucose concentrations in diabetic patients.

2. Diagnosing diabetes.

Dr.Miral Gajera **Consultant Pathologist** 

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Details





PATIENT NAME : NIRBHAYA ASHOKKUMAR MER	VANA REF. DOCTOR :	DR. ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )
CODE/NAME & ADDRESS : C000138364 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030 8800465156	ACCESSION NO : <b>0321WG001434</b> РАПЕНТ ID : NIRBM031087321 ЕНЕМПВАПЕНТ ID:	AGE/SEX   :35 Years   Male     DRAWN   :08/07/2023   00:00:00     RECEIVED   :08/07/2023   08:13:08     REPORTED   :10/07/2023   13:56:57
Test Report Status <u>Final</u>	Results Biologica	Reference Interval Units

3. Identifying patients at increased risk for diabetes (prediabetes).

The ADA recommends measurement of HbA1c (typically 3-4 times per year for type 1 and poorly controlled type 2 diabetic patients, and 2 times per year for well-controlled type 2 diabetic patients) to determine whether a patients metabolic control has remained continuously within the target range.

1. eAG (Estimated average glucose) converts percentage HbA1c to md/dl, to compare blood glucose levels.

2. eAG gives an evaluation of blood glucose levels for the last couple of months. 3. eAG is calculated as eAG (mg/dl) = 28.7 \* HbA1c - 46.7

### HbA1c Estimation can get affected due to :

1. Shortened Erythrocyte survival : Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g. recovery from acute blood loss, hemolytic anemia) will falsely lower HbA1c test results. Fructosamine is recommended in these patients which indicates diabetes control over 15 days.

2.Vitamin C & E are reported to falsely lower test results.(possibly by inhibiting glycation of hemoglobin.

3. Iron deficiency anemia is reported to increase test results. Hypertriglyceridemia, uremia, hyperbilirubinemia, chronic alcoholism, chronic ingestion of salicylates & opiates addiction are reported to interfere with some assay methods, falsely increasing results.

4. Interference of hemoglobinopathies in HbA1c estimation is seen in

a) Homozygous hemoglobinopathy. Fructosamine is recommended for testing of HbA1c.

b) Heterozygous state detected (D10 is corrected for HbS & HbC trait.) c) HbF > 25% on alternate paltform (Boronate affinity chromatography) is recommended for testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is recommended for detecting a hemoglobinopathy

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PATIENT NAME : NIRBHAYA ASHOKKUMAR MER		R. ACROFEMI HEALTHCARE LTD MEDIWHEEL )
CODE/NAME & ADDRESS : C000138364 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030 8800465156	PATIENT ID : NIRBM031087321	AGE/SEX:35 YearsMaleDRAWN:08/07/202300:00:00RECEIVED:08/07/202308:13:08REPORTED:10/07/202313:56:57
Test Report Status <u>Final</u>	Results Biological	Reference Interval Units

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IMMUNOHAEMATOLOGY				
MEDI WHEEL FULL BODY HEALTH	I CHECK UP BELOW 40 MALE			
ABO GROUP & RH TYPE, EDTA W	HOLE BLOOD			
ABO GROUP METHOD : TUBE AGGLUTINATION	TYPE B			
RH TYPE METHOD : TUBE AGGLUTINATION	POSITIVE			

Interpretation(s) ABO GROUP & RH TYPE, EDTA WHOLE BLOOD-Blood group is identified by antigens and antibodies present in the blood. Antigens are protein molecules found on the surface of red blood cells. Antibodies are found in plasma. To determine blood group, red cells are mixed with different antibody solutions to give A,B,O or AB.

Disclaimer: "Please note, as the results of previous ABO and Rh group (Blood Group) for pregnant women are not available, please check with the patient records for availability of the same."

The test is performed by both forward as well as reverse grouping methods.

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**Test Report Status** 

**Final** 



Biological Reference Interval Units

PATIENT NAME : NIRBHAYA ASHOKKUMAR MER		OR. ACROFEMI HEALTHCARE LTD MEDIWHEEL )
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST	ACCESSION NO : <b>0321WG001434</b> PATIENT ID : NIRBM031087321 GETENT BATIENT ID:	AGE/SEX   :35 Years   Male     DRAWN   :08/07/2023   00:00:00     RECEIVED   :08/07/2023   08:13:08     REPORTED   :10/07/2023   13:56:57

Results

, <u> </u>			,
	BIOCHEMISTRY		
MEDI WHEEL FULL BODY HEALTH CHECK UP	BELOW 40 MALE		
GLUCOSE FASTING, FLUORIDE PLASMA			
FBS (FASTING BLOOD SUGAR) METHOD : HEXOKINASE	285 High	74 - 99	mg/dL
GLUCOSE, POST-PRANDIAL, PLASMA			
PPBS(POST PRANDIAL BLOOD SUGAR) METHOD : HEXOKINASE	361 High	70 - 140	mg/dL
LIPID PROFILE, SERUM			
CHOLESTEROL, TOTAL	168	Desirable: < 200 BorderlineHigh: 200 - 239 High: > or = 240	mg/dL
METHOD : ENZYMATIC, COLORIMETRIC		2	
TRIGLYCERIDES	233 High	Desirable: < $150$ BorderlineHigh: $150 - 199$ High: 200 - 499 Very High: > or = 500	mg/dL
METHOD : ENZYMATIC, COLORIMETRIC		, ,	
HDL CHOLESTEROL	28 Low	< 40 Low > or = 60 High	mg/dL
CHOLESTEROL LDL	93	Adult levels: Optimal < 100 Near optimal/above optimal 100-129 Borderline high : 130-159 High : 160-189 Very high : = 190	mg/dL :
NON HDL CHOLESTEROL	140 High	Desirable: Less than 130 Above Desirable: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very high: > or = 220	mg/dL
VERY LOW DENSITY LIPOPROTEIN	46.6 High	< or = 30	mg/dL
CHOL/HDL RATIO	6.0 High	3.3 - 4.4	

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PATIENT NAME : N	IRBHAYA A	SHOKKUMAR ME	RVANA		REF. DOCTOR :	DR. ACROFEMI HEALTHCARE LTD
			_		(	MEDIWHEEL )
CODE/NAME & ADDRE			ACCESSIC	ON NO : <b>0321</b>	WG001434	AGE/SEX : 35 Years Male
ARCOFEMI HEALTHCA			PATIENT I	) : NIRBI	4031087321	DRAWN :08/07/2023 00:00:00
F-703, LADO SARAI,	MEHRAULIS	SOUTH WEST	SPIENZB	TIENT ID:		RECEIVED : 08/07/2023 08:13:08
DELHI			ABHA NO	::		REPORTED :10/07/2023 13:56:57
NEW DELHI 110030						10/07/2025 15:50:57
8800465156						
Test Report Status	<u>Final</u>		Result	ts	Biological	Reference Interval Units
LDL/HDL RATIO			3.3 Hig	h	0.5 - 3.0	Desirable/Low Risk
					3.1 - 6.0	Borderline/Moderate
					Risk	
					>6.0 Higł	n Risk
Interpretation(s)						
Serum lipid profile is m	easured for ca	ardiovascular risk pred	diction. Lipi	d Association	of India recommen	ds LDL-C as primary target and Non
HDL-C as co-primary tr			r			
Risk Stratification for	ASCVD (Atl	nerosclerotic cardiov	ascular dis	ease) by Lipic	Association of Ind	lia
Risk Category						
Extreme risk group		h > 1 feature of high r				
	B. CAD wit	th > 1 feature of Very	high risk gr	oup or recurre	ent ACS (within 1 ye	ear) despite LDL-C < or =
		polyvascular disease		_		
Very High Risk		ed ASCVD 2. Diabet			rs or evidence of en	d organ damage 3.
		mozygous Hyperchol				
High Risk						o evidence of end organ
						sk factor. 6. Coronary
		ium - CAC >300 AU.	7. Lipopro	tein a >/= 50r	ng/dl 8. Non stenot	ic carotid plaque
Moderate Risk	5	CVD risk factors				
Low Risk		SCVD risk factors				
Major ASCVD (Athe						
1. Age $>$ or $=$ 45 years			males		garette smoking or t	obacco use
2. Family history of p	remature ASC	UVD		4. High blood	l pressure	
5. Low HDL						
Newer treatment goals	and statin i		based on the	risk categori		
Risk Group		Treatment Goals			Consider Drug T	
		LDL-C (mg/dl)		DL (mg/dl)	LDL-C (mg/dl)	Non-HDL (mg/dl)
Extreme Risk Group (	Category A	<50 (Optional goal		ptional goal	>OR = 50	>OR = 80
	a	< OR = 30 )	<or =<="" td=""><td>/</td><td></td><td></td></or>	/		
Extreme Risk Group (	ategory B	<or 30<="" =="" td=""><td><or 0<="" =="" td=""><td>50</td><td>&gt; 30</td><td>&gt;60</td></or></td></or>	<or 0<="" =="" td=""><td>50</td><td>&gt; 30</td><td>&gt;60</td></or>	50	> 30	>60
Very High Risk		<50	<80		>OR= 50	>OR= 80
High Risk		<70	<100		>OR= 70	>OR=100
Moderate Risk		<100	<130		>OR=100	>OR=130

\*After an adequate non-pharmacological intervention for at least 3 months.

<100

References: Management of Dyslipidaemia for the Prevention of Stroke: Clinical Practice Recommendations from the Lipid Association of India. Current Vascular Pharmacology, 2022, 20, 134-155. SERUM

>OR=130\*

>OR=160

<130

BILIRUBIN, TOTAL	0.54	Upto 1.2	mg/dL
BILIRUBIN, DIRECT	0.21 High	Upto 0.2	mg/dL

METHOD : DIAZO COLORIMETRIC

Low Risk

**Dr.Miral Gajera Consultant Pathologist** 





Details





PATIENT NAME : NIRBHAYA ASHOKKUMAR ME	RVANA R	EF. DOCTOR : DR. ACRO ( MEDIWI	
CODE/NAME & ADDRESS : C000138364 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030 8800465156	ACCESSION NO : <b>0321W</b> PATIENT ID : NIRBM & HENT PATIENT ID:	031087321 DRAWN RECEIV	X :35 Years Male :08/07/2023 00:00:00 ED :08/07/2023 08:13:08 ED :10/07/2023 13:56:57
Test Report Status <u>Final</u>	Results	<b>Biological Refere</b>	nce Interval Units
BILIRUBIN, INDIRECT TOTAL PROTEIN	0.33 6.8	0.00 - 1.00 6.4 - 8.3	mg/dL g/dL
METHOD : COLORIMETRIC	0.0	0.4 - 0.3	g/uL
ALBUMIN METHOD : BROMOCRESOL GREEN	4.0	3.5 - 5.2	g/dL
GLOBULIN	2.8	2.0 - 4.1	g/dL
ALBUMIN/GLOBULIN RATIO	1.4	1.0 - 2.0	RATIO
ASPARTATE AMINOTRANSFERASE(AST/SGOT) METHOD : IFCC WITHOUT PYRIDOXAL PHOSPHATE	11	0 - 40	U/L
ALANINE AMINOTRANSFERASE (ALT/SGPT) METHOD : IFCC WITHOUT PYRIDOXAL PHOSPHATE	20	0 - 41	U/L
ALKALINE PHOSPHATASE METHOD : COLORIMETRIC	101	40 - 129	U/L
GAMMA GLUTAMYL TRANSFERASE (GGT) METHOD : ENZYMATIC, COLORIMETRIC	31	8 - 61	U/L
LACTATE DEHYDROGENASE METHOD : UV ASSAY METHOD	135	135 - 225	U/L
BLOOD UREA NITROGEN (BUN), SERUM			
BLOOD UREA NITROGEN	7	6 - 20	mg/dL
CREATININE, SERUM			
CREATININE METHOD : JAFFE ALKALINE PICRATE	0.70	0.70 - 1.30	mg/dL
BUN/CREAT RATIO			
BUN/CREAT RATIO URIC ACID, SERUM	10.00	5.0 - 15.0	
URIC ACID	4.0	3.4 - 7.0	mg/dL
TOTAL PROTEIN, SERUM	110	511 710	
TOTAL PROTEIN METHOD : COLORIMETRIC	6.8	6.4 - 8.3	g/dL
ALBUMIN, SERUM			
ALBUMIN METHOD : BROMOCRESOL GREEN	4.0	3.5 - 5.2	g/dL
GLOBULIN			
GLOBULIN	2.8	2.0 - 4.1	g/dL

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PATIENT NAME : NIRBHAYA A	SHOKKUMAR MERV	ANA	REF. DOCTOR : [ (	DR. ACROFE		RE LTD
CODE/NAME & ADDRESS : C00013 ARCOFEMI HEALTHCARE LTD (ME F-703, LADO SARAI, MEHRAULIS DELHI NEW DELHI 110030 8800465156	DIWHEEL		<b>0321WG001434</b> NIRBM031087321 D:		:35 Years :08/07/2023 :08/07/2023 :10/07/2023	3 08:13:08
Test Report Status <u>Final</u>		Results	Biological	Reference	e Interval	Units
ELECTROLYTES (NA/K/CL), SE SODIUM, SERUM METHOD : ISE		.35.4 Low	136 - 145	;	m	mol/L
POTASSIUM, SERUM	2	1.55	3.3 - 5.1		m	mol/L
CHLORIDE, SERUM METHOD : ION SELECTIVE ELECTRODE TEC		.00.3	98 - 106		m	mol/L
Interpretation(s)						
Sodium Decreased in:CCF, cirrhosis, vomiting, diarrhea, excessive sweating, salt-losing nephropathy, adrenal insufficiency, nephrotic syndrome, water intoxication, SIADH. Drugs:	Potassium Decreased in: Low pot intake,prolonged vomi RTA types I and II, hyperaldosteronism, C syndrome,osmotic diu hyperglycemia),alkaloo	ting or diarrhea, ushing's resis (e.g.,	Chloride Decreased in: Vomiting, renal failure combined w deprivation, over-treatm diuretics, chronic respir diabetic ketoacidosis, e) sweating, SIADH, salt-lo	vith salt nent with atory acidosi ccessive	is,	

intoxication, SIADH. Drugs: thiazides, diuretics, ACE inhibitors, chlorpropamide,carbamazepine,anti depressants (SSRI), antipsychotics.	hyperglycemia),alkalosis, familial periodic paralysis,trauma (transient).Drugs: Adrenergic agents, diuretics.	sweating, SIADH, salt-losing nephropathy, porphyria, expansion of extracellular fluid volume, adrenalinsufficiency, hyperaldosteronism,metabolic alkalosis. Drugs: chronic laxative,corticosteroids, diuretics.
Increased in: Dehydration	Increased in: Massive hemolysis,	Increased in: Renal failure, nephrotic
(excessivesweating, severe	severe tissue damage, rhabdomyolysis,	syndrome, RTA,dehydration,
vomiting or diarrhea),diabetes	acidosis, dehydration,renal failure,	overtreatment with
mellitus, diabetesinsipidus,	Addison's disease, RTA type IV,	saline,hyperparathyroidism, diabetes
hyperaldosteronism, inadequate	hyperkalemic familial periodic	insipidus, metabolic acidosis from
water intake. Drugs: steroids,	paralysis. Drugs: potassium salts,	diarrhea (Loss of HCO3-}, respiratory
licorice,oral contraceptives.	potassium- sparing diuretics,NSAIDs,	alkalosis, hyperadrenocorticism.
	beta-blockers, ACE inhibitors, high-	Drugs: acetazolamide,androgens,
	dose trimethoprim-sulfamethoxazole.	hydrochlorothiazide,salicylates.
Interferences: Severe lipemia or	Interferences: Hemolysis of sample,	Interferences:Test is helpful in
hyperproteinemi, if sodium analysis	delayed separation of serum,	assessing normal and increased anion
involves a dilution step can cause	prolonged fist clenching during blood	gap metabolic acidosis and in
spurious results. The serum sodium	drawing, and prolonged tourniquet	distinguishing hypercalcemia due to
falls about 1.6 mEq/L for each 100	placement. Very high WBC/PLT counts	hyperparathyroidism (high serum
mg/dL increase in blood glucose.	may cause spurious. Plasma potassium	chloride) from that due to malignancy
	levels are normal.	(Normal serum chloride)

Interpretation(s) GLUCOSE FASTING,FLUORIDE PLASMA-TEST DESCRIPTION Normally, the glucose concentration in extracellular fluid is closely regulated so that a source of energy is readily available to tissues and sothat no glucose is excreted in the urine.

Increased in:Diabetes mellitus, Cushing's syndrome (10 – 15%), chronic pancreatitis (30%). Drugs:corticosteroids,phenytoin, estrogen, thiazides. Decreased in :Pancreatic islet cell disease with increased insulin,insulinoma,adrenocortical insufficiency,hypopituitarism,diffuse liver disease,

malignancy(adrenocortical,stomach,fibrosarcoma),infant of a diabetic mother,enzyme deficiency diseases(e.g.galactosemia),Drugs-insulin,ethanol,propranolol sulfonylureas,tolbutamide,and other oral hypoglycemic agents. **NOTE:** While random serum glucose levels correlate with home glucose monitoring results (weekly mean capillary glucose values),there is wide fluctuation within individuals.Thus, glycosylated hemoglobin(HbA1c) levels are favored to monitor glycemic control.

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View Report

View Details





PATIENT NAME : NIRBHAYA ASHOKKUMAR MER		R. ACROFEMI HEALTHCARE LTD MEDIWHEEL )
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST	PATIENT ID : NIRBM031087321	AGE/SEX :35 Years Male DRAWN :08/07/2023 00:00:00 RECEIVED :08/07/2023 08:13:08 REPORTED :10/07/2023 13:56:57
Test Report Status <u>Final</u>	Results Biological	Reference Interval Units

High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc. GLUCOSE, POST-PRANDIAL, PLASMA-High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin

treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc. Additional test HbA1c LIVER FUNCTION PROFILE, SERUM-

Bilirubin is a yellowish pigment found in bile and is a breakdown product of normal heme catabolism. Bilirubin is excreted in bile and urine, and elevated levels may give yellow discoloration in jaundice. Elevated levels results from increased bilirubin production (eg, hemolysis and ineffective erythropoiesis), decreased bilirubin excretion (eg, obstruction and hepatitis), and abnormal bilirubin metabolism (eg, hereditary and neonatal jaundice). Conjugated (direct) bilirubin is elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin when there is some kind of blockage of the bile ducts like in Gallstones getting into the bile ducts, tumors &Scarring of the bile ducts. Increased unconjugated (indirect) bilirubin may be a result of Hemolytic or pernicious anemia, Transfusion reaction & a common metabolic condition termed Gilbert syndrome, due to low levels of the enzyme that attaches sugar molecules to bilirubin.

AST is an enzyme found in various parts of the body. AST is found in the liver, heart, skeletal muscle, kidneys, brain, and red blood cells, and it is commonly measured clinically as a marker for liver health. AST levels increase during chronic viral hepatitis, blockage of the bile duct, cirrhosis of the liver, liver cancer, kidney failure, hemolytic anemia, pancreatitis, hemochromatosis. AST levels may also increase after a heart attack or strenuous activity.ALT test measures the amount of this enzyme in the blood.ALT is found mainly in the liver, but also in smaller amounts in the kidneys, heart, muscles, and pancreas. It is commonly measured as a part of a diagnostic evaluation of hepatocellular injury, to determine liver health.AST levels increase during acute hepatitis, sometimes due to a viral infection, ischemia to the liver, chronic hepatitis, obstruction of bile ducts, cirrhosis.

ALP is a protein found in almost all body tissues. Tissues with higher amounts of ALP include the liver, bile ducts and bone. Elevated ALP levels are seen in Biliary obstruction, Osteoblastic bone tumors, osteomalacia, hepatitis, Hyperparathyroidism, Leukemia, Lymphoma, Pagets disease, Rickets, Sarcoidosis etc. Lower-than-normal ALP levels seen in Hypophosphatasia, Malnutrition, Protein deficiency, Wilsons disease.

GGT is an enzyme found in cell membranes of many tissues mainly in the liver, kidney and pancreas. It is also found in other tissues including intestine, spleen, heart, brain and seminal vesicles. The highest concentration is in the kidney, but the liver is considered the source of normal enzyme activity. Serum GGT has been widely used as an index of liver dysfunction. Elevated serum GGT activity can be found in diseases of the liver, biliary system and pancreas. Conditions that increase serum GGT are obstructive liver disease, high alcohol consumption and use of enzyme-inducing drugs etc. Total Protein also known as total protein, is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and

globulin. Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstroms disease. Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic syndrome, Protein-losing enteropathy etc.

Albumin is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. Low blood albumin levels (hypoalbuminemia) can be caused by:Liver disease like cirrhosis of the liver, nephrotic syndrome,protein-losing enteropathy,Burns,hemodilution,increased vascular

permeability or decreased lymphatic clearance, malnutrition and wasting etc BLOOD UREA NITROGEN (BUN), SERUM-Causes of Increased levels include Pre renal (High protein diet, Increased protein catabolism, GI haemorrhage, Cortisol, Dehydration, CHF Renal), Renal Failure, Post Renal (Malignancy, Nephrolithiasis, Prostatism)

# Causes of decreased level include Liver disease, SIADH. CREATININE, SERUM-Higher than normal level may be due to:

• Blockage in the urinary tract, Kidney problems, such as kidney damage or failure, infection, or reduced blood flow, Loss of body fluid (dehydration), Muscle problems, such as breakdown of muscle fibers, Problems during pregnancy, such as seizures (eclampsia)), or high blood pressure caused by pregnancy (preeclampsia) Lower than normal level may be due to:• Myasthenia Gravis, Muscuophy URIC ACID, SERUM-Causes of Increased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic

syndrome Causes of decreased levels-Low Zinc intake, OCP, Multiple Sclerosis

TOTAL PROTEIN, SERUM-is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and globulin. Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstroms disease.

Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic syndrome, Protein-losing enteropathy etc. ALBUMIN, SERUM-Human serum albumin is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum

protein. Low blood albumin levels (hypoalbuminemia) can be caused by: Liver disease like cirrhosis of the liver, nephrotic syndrome, protein-losing enteropathy, Burns, hemodilution, increased vascular permeability or decreased lymphatic clearance,malnutrition and wasting etc.

Dr.Miral Gajera **Consultant Pathologist** 

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View Report



/iew Details



**Test Report Status** 

**Final** 



Biological Reference Interval Units

PATIENT NAME : NIRBHAYA ASHOKKUMAR MER		OR. ACROFEMI HEALTHCARE LTD MEDIWHEEL )
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST	PATIENT ID : NIRBM031087321	AGE/SEX   : 35 Years   Male     DRAWN   : 08/07/2023   00:00:00     RECEIVED   : 08/07/2023   08:13:08     REPORTED   : 10/07/2023   13:56:57

Results

CLINICAL PATH - URINALYSIS							
MEDI WHEEL FULL BODY HEALTH CHECK UP	MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE						
PHYSICAL EXAMINATION, URINE							
COLOR	Yellow						
APPEARANCE	Clear						
CHEMICAL EXAMINATION, URINE							
PH	5.0	4.7 - 7.5					
METHOD : REFLECTANCE SPECTROPHOTOMETRY							
SPECIFIC GRAVITY METHOD : REFLECTANCE SPECTROPHOTOMETRY	<=1.005	1.003 - 1.035					
PROTEIN METHOD : REFLECTANCE SPECTROPHOTOMETRY	NOT DETECTED	NEGATIVE					
GLUCOSE METHOD : REFLECTANCE SPECTROPHOTOMETRY	DETECTED (++)	NOT DETECTED					
KETONES METHOD : REFLECTANCE SPECTROPHOTOMETRY	NOT DETECTED	NOT DETECTED					
BLOOD METHOD : REFLECTANCE SPECTROPHOTOMETRY	NOT DETECTED	NEGATIVE					
BILIRUBIN METHOD : REFLECTANCE SPECTROPHOTOMETRY	NOT DETECTED	NOT DETECTED					
UROBILINOGEN METHOD : REFLECTANCE SPECTROPHOTOMETRY	NORMAL	NORMAL					
NITRITE METHOD : REFLECTANCE SPECTROPHOTOMETRY	NOT DETECTED	NOT DETECTED					
LEUKOCYTE ESTERASE METHOD : REFLECTANCE SPECTROPHOTOMETRY	NOT DETECTED	NOT DETECTED					
MICROSCOPIC EXAMINATION, URINE							
RED BLOOD CELLS METHOD : MICROSCOPIC EXAMINATION	NOT DETECTED	NOT DETECTED	/HPF				
PUS CELL (WBC'S) METHOD : MICROSCOPIC EXAMINATION	0-1	0-5	/HPF				
EPITHELIAL CELLS METHOD : MICROSCOPIC EXAMINATION	1-2	0-5	/HPF				
CASTS	NOT DETECTED						

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PATIENT NAME : NIRBHAYA ASHOKKUMAR M	ERVANA F	REF. DOCTOR : [ (	OR. ACROFE		RE LTD
CODE/NAME & ADDRESS : C000138364 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030 8800465156	ACCESSION NO : <b>0321V</b> РАПЕНТ ID : NIRBM АНЕМТВАПЕНТ ID:	<b>VG001434</b> 031087321	DRAWN RECEIVED	:35 Years :08/07/202 :08/07/202 :10/07/202	3 08:13:08
Test Report Status <u>Final</u>	Results	Biological	Reference	e Interval	Units
METHOD : MICROSCOPIC EXAMINATION CRYSTALS METHOD : MICROSCOPIC EXAMINATION	NOT DETECTED				
BACTERIA METHOD : MICROSCOPIC EXAMINATION	NOT DETECTED	NOT DETE	CTED		

NOT DETECTED

# YEAST

# METHOD : MICROSCOPIC EXAMINATION REMARKS

MICROSCOPIC EXAMINATION OF URINE IS CARRIED OUT ON CENTRIFUGED URINARY SEDIMENT.

NOT DETECTED

# Interpretation(s)

The following table describes the probable conditions, in which the analytes are present in urine

Presence of	Conditions
Proteins	Inflammation or immune illnesses
Pus (White Blood Cells)	Urinary tract infection, urinary tract or kidney stone, tumors or any kind
	of kidney impairment
Glucose	Diabetes or kidney disease
Ketones	Diabetic ketoacidosis (DKA), starvation or thirst
Urobilinogen	Liver disease such as hepatitis or cirrhosis
Blood	Renal or genital disorders/trauma
Bilirubin	Liver disease
Erythrocytes	Urological diseases (e.g. kidney and bladder cancer, urolithiasis), urinary tract infection and glomerular diseases
Leukocytes	Urinary tract infection, glomerulonephritis, interstitial nephritis either acute or chronic, polycystic kidney disease, urolithiasis, contamination by genital secretions
Epithelial cells	Urolithiasis, bladder carcinoma or hydronephrosis, ureteric stents or bladder catheters for prolonged periods of time
Granular Casts	Low intratubular pH, high urine osmolality and sodium concentration, interaction with Bence-Jones protein
Hyaline casts	Physical stress, fever, dehydration, acute congestive heart failure, renal diseases
Calcium oxalate	Metabolic stone disease, primary or secondary hyperoxaluria, intravenous infusion of large doses of vitamin C, the use of vasodilator naftidrofuryl oxalate or the gastrointestinal lipase inhibitor orlistat, ingestion of ethylene glycol or of star fruit (Averrhoa carambola) or its juice

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**PERFORMED AT :** Agilus Diagnostics Ltd. Grand Mall, Opposite Sbi Zonal Office, Sm Road, Ambawadi, Ahmedabad, 380015 Gujrat, India Tel: 079-48912999,079-48913999,079-48914999 Email : customercare.ahmedabad@agilus.in

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Details





### REF. DOCTOR : DR. ACROFEMI HEALTHCARE LTD PATIENT NAME : NIRBHAYA ASHOKKUMAR MERVANA ( MEDIWHEEL ) CODE/NAME & ADDRESS : C000138364 ACCESSION NO : 0321WG001434 AGE/SEX :35 Years Male ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID : NIRBM031087321 DRAWN :08/07/2023 00:00:00 F-703, LADO SARAI, MEHRAULISOUTH WEST RECEIVED : 08/07/2023 08:13:08 ABIENT BATIENT ID: DELHI REPORTED :10/07/2023 13:56:57 NEW DELHI 110030 8800465156 **Test Report Status** Results Biological Reference Interval Units **Final**

Uric acid	arthritis
Bacteria	Urinary infectionwhen present in significant numbers & with pus cells.
Trichomonas vaginalis	Vaginitis, cervicitis or salpingitis

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View Report







PATIENT NAME : NIRBHAYA ASHOKKUMAR MER		DR. ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	ACCESSION NO : <b>0321WG001434</b> PATIENT ID : NIRBM031087321 GETENT BATIENT ID:	AGE/SEX :35 Years Male DRAWN :08/07/2023 00:00:00 RECEIVED :08/07/2023 08:13:08 REPORTED :10/07/2023 13:56:57

Test	Report	Status	<u>Final</u>
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Results

**Biological Reference Interval** Units

~				
CLINICAL	PATH - STOOL ANALYSIS	5		
MEDI WHEEL FULL BODY HEALTH CHECK UP BE	LOW 40 MALE			
PHYSICAL EXAMINATION, STOOL				
COLOUR	BROWN			
CONSISTENCY	WELL FORMED			
MUCUS	NOT DETECTED	NOT DETECTED		
VISIBLE BLOOD	ABSENT	ABSENT		
ADULT PARASITE	NOT DETECTED			
METHOD : MICROSCOPIC EXAMINATION				
CHEMICAL EXAMINATION, STOOL				
STOOL PH	NEGATIVE			
OCCULT BLOOD	NOT DETECTED	NOT DETECTED		
METHOD : HEMOSPOT				
MICROSCOPIC EXAMINATION, STOOL				
PUS CELLS	NOT DETECTED		/hpf	
RED BLOOD CELLS METHOD : MICROSCOPIC EXAMINATION	NOT DETECTED	NOT DETECTED	/HPF	
CYSTS METHOD : MICROSCOPIC EXAMINATION	NOT DETECTED	NOT DETECTED		
OVA METHOD : MICROSCOPIC EXAMINATION	NOT DETECTED			
LARVAE METHOD : MICROSCOPIC EXAMINATION	NOT DETECTED	NOT DETECTED		
TROPHOZOITES METHOD : MICROSCOPIC EXAMINATION	NOT DETECTED	NOT DETECTED		
FAT	ABSENT			
VEGETABLE CELLS	ABSENT			
CHARCOT LEYDEN CRYSTALS	ABSENT			
Interpretation(s)				

Stool routine analysis is only a screening test for disorders of gastrointentestinal tract like infection, malabsorption, etc. The following table describes the probable conditions, in which the analytes are present in stool.

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PATIENT NAME : NIRBHAYA ASHOKKUMAR MER		DR. ACROFEMI HEALTHCARE LTD MEDIWHEEL )
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST	ACCESSION NO : <b>0321WG001434</b> PATIENT ID : NIRBM031087321 <u>ABIENT</u> BATIENT ID:	AGE/SEX :35 Years Male DRAWN :08/07/2023 00:00:00 RECEIVED :08/07/2023 08:13:08 REPORTED :10/07/2023 13:56:57

Test	Report	Status	<u>Final</u>
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Results

**Biological Reference Interval** Units

PRESENCE OF	CONDITION		
Pus cells	Pus in the stool is an indication of infection		
Red Blood cells	Parasitic or bacterial infection or an inflammatory bowel condition such as		
	ulcerative colitis		
Parasites	Infection of the digestive system. Stool examination for ova and parasite detects presence of parasitic infestation of gastrointestinal tract. Various forms of parasite that can be detected include cyst, trophozoite and larvae. One negative result does not rule out the possibility of parasitic infestation. Intermittent shedding of parasites warrants examinations of multiple specimens tested on consecutive days. Stool specimens for parasitic examination should be collected before initiation of antidiarrheal therapy or antiparasitic therapy. This test does not detect presence of opportunistic parasites like Cyclospora, Cryptosporidia and Isospora species. Examination of Ova and Parasite has been carried out by direct and concentration techniques.		
Mucus	Mucus is a protective layer that lubricates, protects& reduces damage due to bacteria or viruses.		
Charcot-Leyden crystal	Parasitic diseases.		
Ova & cyst	Ova & cyst indicate parasitic infestation of intestine.		
Frank blood	Bleeding in the rectum or colon.		
Occult blood	Occult blood indicates upper GI bleeding.		
Macrophages	Macrophages in stool are an indication of infection as they are protective cells.		
Epithelial cells	Epithelial cells that normally line the body surface and internal organs show u in stool when there is inflammation or infection.		
Fat	Increased fat in stool maybe seen in conditions like diarrhoea or malabsorption.		
рН	Normal stool pH is slightly acidic to neutral. Breast-fed babies generally have a acidic stool.		

## **ADDITIONAL STOOL TESTS:**

- Stool Culture:- This test is done to find cause of GI infection, make decision about best treatment for GI infection & to find out if 1. treatment for GI infection worked.
- Fecal Calprotectin: It is a marker of intestinal inflammation. This test is done to differentiate Inflammatory Bowel Disease (IBD) 2. from Irritable Bowel Syndrome (IBS).
- Fecal Occult Blood Test(FOBT): This test is done to screen for colon cancer & to evaluate possible cause of unexplained anaemia. 3.
- 4. Clostridium Difficile Toxin Assay: This test is strongly recommended in healthcare associated bloody or waterydiarrhoea, due to overuse of broad spectrum antibiotics which alter the normal GI flora.
- 5. Biofire (Film Array) GI PANEL: In patients of Diarrhoea, Dysentry, Rice watery Stool, FDA approved, Biofire Film Array Test, (Real Time Multiplex PCR) is strongly recommended as it identifies organisms, bacteria, fungi, virus, parasite and other opportunistic pathogens, Vibrio cholera infections only in 3 hours. Sensitivity 96% & Specificity 99%.
- Rota Virus Immunoassay: This test is recommended in severe gastroenteritis in infants & children associated with watery 6. diarrhoea, vomitting& abdominal cramps. Adults are also affected. It is highly contagious in nature.

Dr.Miral Gajera **Consultant Pathologist** 

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PATIENT NAME : NIRBHAYA ASHOKKUMAR MER	VANA REF. DOCTOR :	DR. ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )
CODE/NAME & ADDRESS : C000138364 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030 8800465156	ACCESSION NO : <b>0321WG001434</b> PATIENT ID : NIRBM031087321 ABIENT BATIENT ID :	AGE/SEX:35 YearsMaleDRAWN:08/07/202300:00:00RECEIVED:08/07/202308:13:08REPORTED:10/07/202313:56:57
Test Report Status <u>Final</u>	Results Biologica	Reference Interval Units

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PATIENT NAME : NIRBHAYA ASHOKKUMAR MER		R. ACROFEMI HEALTHCARE LTD MEDIWHEEL )
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	ACCESSION NO : <b>0321WG001434</b> PATIENT ID : NIRBM031087321 GEIENT BATIENT ID:	AGE/SEX :35 Years Male DRAWN :08/07/2023 00:00:00 RECEIVED :08/07/2023 08:13:08 REPORTED :10/07/2023 13:56:57
Test Report Status <u>Final</u>	Results Biological	Reference Interval Units

est	Report	Status	<u>Final</u>

SPECIALISED CHEMISTRY - HORMONE MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE					
T3 METHOD : ECLIA	157.60	80.0 - 200.0	ng/dL		
T4 METHOD : ECLIA	10.62	5.10 - 14.10	μg/dL		
TSH (ULTRASENSITIVE) METHOD : ECLIA	1.290	0.270 - 4.200	µIU/mL		

## Interpretation(s)

Triiodothyronine T3, Thyroxine T4, and Thyroid Stimulating Hormone TSH are thyroid hormones which affect almost every physiological process in the body, including growth, development, metabolism, body temperature, and heart rate.

Production of T3 and its prohormone thyroxine (T4) is activated by thyroid-stimulating hormone (TSH), which is released from the pituitary gland. Elevated concentrations of T3, and T4 in the blood inhibit the production of TSH.

Excessive secretion of thyroxine in the body is hyperthyroidism, and deficient secretion is called hypothyroidism.

In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hyperthyroidism, TSH levels are low. Below mentioned are the guidelines for Pregnancy related reference ranges for Total T4, TSH & Total T3. Measurement of the serum TT3 level is a more sensitive test for the diagnosis of hyperthyroidism, and measurement of TT4 is more useful in the diagnosis of hypothyroidism. Most of the thyroid hormone in blood is bound to transport proteins. Only a very small fraction of the circulating hormone is free and biologically active. It is advisable to detect Free T3, FreeT4 along with TSH, instead of testing for albumin bound Total T3, Total T4.

Sr. No.	TSH	Total T4	FT4	Total T3	Possible Conditions
1	High	Low	Low	Low	(1) Primary Hypothyroidism (2) Chronic autoimmune Thyroiditis (3)
					Post Thyroidectomy (4) Post Radio-Iodine treatment
2	High	Normal	Normal	Normal	(1)Subclinical Hypothyroidism (2) Patient with insufficient thyroid
					hormone replacement therapy (3) In cases of Autoimmune/Hashimoto
					thyroiditis (4). Isolated increase in TSH levels can be due to Subclinical
					inflammation, drugs like amphetamines, Iodine containing drug and
					dopamine antagonist e.g. domperidone and other physiological reasons.
3	Normal/Low	Low	Low	Low	(1) Secondary and Tertiary Hypothyroidism
4	Low	High	High	High	(1) Primary Hyperthyroidism (Graves Disease) (2) Multinodular Goitre
					(3)Toxic Nodular Goitre (4) Thyroiditis (5) Over treatment of thyroid
					hormone (6) Drug effect e.g. Glucocorticoids, dopamine, T4
					replacement therapy (7) First trimester of Pregnancy
5	Low	Normal	Normal	Normal	(1) Subclinical Hyperthyroidism
6	High	High	High	High	(1) TSH secreting pituitary adenoma (2) TRH secreting tumor

Dr.Miral Gajera **Consultant Pathologist** 

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Test Report Status



( MEDIWHEEL )	
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI RECEIVED : 08/	5 Years Male 8/07/2023 00:00:00 8/07/2023 08:13:08 0/07/2023 13:56:57

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					-
7	Low	Low	Low	Low	(1) Central Hypothyroidism (2) Euthyroid sick syndrome (3) Recent

Results

/	Low	LOW	LOW	LOW	treatment for Hyperthyroidism
8	Normal/Low	Normal	Normal	High	(1) T3 thyrotoxicosis (2) Non-Thyroidal illness
9	Low	High	High	Normal	(1) T4 Ingestion (2) Thyroiditis (3) Interfering Anti TPO antibodies
REF. 1. TIETZ For dementals of Clinical shemistry 2 Cridlings of the American Theraid acception during programmer and Bastracture 2011					

REF: 1. TIETZ Fundamentals of Clinical chemistry 2.Guidlines of the American Thyroid association during pregnancy and Postpartum, 2011. **NOTE: It is advisable to detect Free T3,FreeT4 along with TSH, instead of testing for albumin bound Total T3, Total T4.**TSH is not affected by variation in thyroid - binding protein. TSH has a diurnal rhythm, with peaks at 2:00 - 4:00 a.m. And troughs at 5:00 - 6:00 p.m. With ultradian variations.

> \*\*End Of Report\*\* Please visit www.agilusdiagnostics.com for related Test Information for this accession

# CONDITIONS OF LABORATORY TESTING & REPORTING

1. It is presumed that the test sample belongs to the patient named or identified in the test requisition form.

Final

2. All tests are performed and reported as per the

turnaround time stated in the AGILUS Directory of Services. 3. Result delays could occur due to unforeseen

circumstances such as non-availability of kits / equipment breakdown / natural calamities / technical downtime or any other unforeseen event.

4. A requested test might not be performed if:

- i. Specimen received is insufficient or inappropriate
- ii. Specimen quality is unsatisfactory
- iii. Incorrect specimen type

iv. Discrepancy between identification on specimen container label and test requisition form

 AGILUS Diagnostics confirms that all tests have been performed or assayed with highest quality standards, clinical safety & technical integrity.
Laboratory results should not be interpreted in isolation; it must be correlated with clinical information and be

**Biological Reference Interval** Units

it must be correlated with clinical information and be interpreted by registered medical practitioners only to determine final diagnosis.

7. Test results may vary based on time of collection, physiological condition of the patient, current medication or nutritional and dietary changes. Please consult your doctor or call us for any clarification.

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## Agilus Diagnostics Ltd

Fortis Hospital, Sector 62, Phase VIII, Mohali 160062

Dr.Miral Gajera Consultant Pathologist



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