

Patient Name	: Mr. RAJ DADIA	Age/Sex	: 26 Year(s) / Male
UHID	: SHHM.94295	Order Date	: 11/05/2024 09:23
Episode	: OP		
Ref. Doctor	: Self	Mobile No	: 8779046019
		DOB	: 26/12/1997
		Facility	: SEVENHILLS HOSPITAL, MUMBAI

### **Blood Bank**

Test Name		Result					
Sample No: 00331178A	Collection Date :	11/05/24 09:30	Ack Date :	11/05/2024 11:32	Report Date :	11/05/24 12:09	
BLOOD GROUPING/ CROSS-MATCHING BY SEMI AUTOMATION							
BLOOD GROUP (ABO)			В'				
Rh Type Method - Column Agglutina	tion	F	POSITIVE				

REMARK: THE REPORTED RESULTS PERTAIN TO THE SAMPLE RECEIVED AT THE BLOOD CENTRE.

#### Interpretation:

Blood typing is used to determine an individual's blood group, to establish whether a person is blood group A, B, AB, or O and whether he or she is Rh positive or Rh negative. Blood typing has the following significance,

• Ensure compatibility between the blood type of a person who requires a transfusion of blood or blood components and the ABO and Rh type of the unit of blood that will be transfused.

• Determine compatibility between a pregnant woman and her developing baby (fetus). Rh typing is especially important during pregnancy because a mother and her fetus could be incompatible.

• Determine the blood group of potential blood donors at a collection facility.

• Determine the blood group of potential donors and recipients of organs, tissues, or bone marrow, as part of a workup for a transplant procedure.

End of Report

Dr.Pooja Vinod Mishra MD Pathology Jr Consultant Pathologist, MMC Reg No. 2017052191 RegNo: 2017/05/2191



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#### HAEMATOLOGY

st Name			Result		Unit	Bio	ological Reference Interva	
Sample No :	O0331178A	Collection Date :	11/05/24 09:30	Ack Date :	11/05/2024 09:53	Report Date :	11/05/24 10:21	
COMPLETE BLOOD COUNT (CBC) - EDTA WHOLE BLOOD								
Total WBC	Count		6.49			x10^3/ul	4.00 - 10.00	
Neutrophils	;		59.6			%	40.00 - 80.00	
Lymphocyte	es		31.2			%	20.00 - 40.00	
Eosinophils			3.8			%	1.00 - 6.00	
Monocytes			5.1			%	2.00 - 10.00	
Basophils			0.3	▼ (L)		%	1.00 - 2.00	
Absolute Ne	eutrophil Count		3.87			x10^3/ul	2.00 - 7.00	
Absolute Ly	mphocyte Count		2.03			x10^3/ul	0.80 - 4.00	
Absolute Ec	osinophil Count		0.24			x10^3/ul	0.02 - 0.50	
Absolute Mo	onocyte Count		0.33			x10^3/ul	0.12 - 1.20	
Absolute Ba	asophil Count		0.02			x10^3/ul	0.00 - 0.10	
RBCs			4.67			x10^6/ul	4.50 - 5.50	
Hemoglobir	ו		14.3			gm/dl	13.00 - 17.00	
Hematocrit			41.2			%	40.00 - 50.00	
MCV			88.1			fl	83.00 - 101.00	
МСН			30.6			pg	27.00 - 32.00	



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MCHC		<b>34.8</b> ▲ (H)		gm/dl	31.50 - 34.50	
RED CELL DIST	TRIBUTION WIDTH-CV (RDW-CV)	12.8		%	11.00 - 16.00	
RED CELL DIST	TRIBUTION WIDTH-SD (RDW-SD)	43.1		fl	35.00 - 56.00	
Platelet		238		x10^3/ul	150.00 - 410.00	
Mean Platelet \	Volume (MPV)	8.6		fl	6.78 - 13.46	
PLATELET DIS	TRIBUTION WIDTH (PDW)	15.7		%	9.00 - 17.00	
PLATELETCRIT	(PCT)	0.204		%	0.11 - 0.28	

Method:-

HB Colorimetric Method. RBC/PLT Electrical Impedance Method. WBC data Flow Cytometry by Laser Method. MCV,MCH,MCHC,RDW and rest parameters - Calculated. All Abnormal Haemograms are reviewed confirmed microscopically.

NOTE: Wallach's Interpretation of Diagnostic Tests. 11th Ed, Editors: Rao LV. 2021

#### NOTE :-

The International Council for Standardization in Haematology (ICSH) recommends reporting of absolute counts of various WBC subsets for clinical decision making. This test has been performed on a fully automated 5 part differential cell counter which counts over 10,000 WBCs to derive differential counts. A complete blood count is a blood panel that gives information about the cells in a patient's blood, such as the cell count for each cell type and the concentrations of Hemoglobin and platelets. The cells that circulate in the bloodstream are generally divided into three types: white blood cells (leukocytes), red blood cells (erythrocytes), and platelets (thrombocytes). Abnormally high or low counts may be physiological or may indicate disease conditions, and hence need to be interpreted clinically.

End of Report



Dr.Ritesh Kharche MD, PGD-HM



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Consultant Pathologist and Director of Laboratory Services RegNo: 2006/03/1680





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#### HAEMATOLOGY

Test Name			Resu	lt	Unit	Bio	logical Reference Interval
Sample No : O	0331178A	Collection Date :	11/05/24 09	:30 Ack Date :	11/05/2024 09:53	Report Date :	11/05/24 11:35
ERYTHROCY	TE SEDIMENT/	ATION RATE (E	<u>SR)</u>				
ESR				<b>43</b> ▲ (H)		mm/hr	0 - 20

Method: Westergren Method

#### INTERPRETATION :-

ESR is a non-specific phenomenon, its measurement is clinically useful in disorders associated with an increased production of acute-phase proteins. It provides an index of progress of the disease in rheumatoid arthritis or tuberculosis, and it is of considerable value in diagnosis of temporal arteritis and polymyalgia rheumatica. It is often used if multiple myeloma is suspected, but when the myeloma is non-secretory or light chain, a normal ESR does not exclude this diagnosis.

An elevated ESR may occur as an early feature in myocardial infarction. Although a normal ESR cannot be taken to exclude the presence of organic disease, the vast majority of acute or chronic infections and most neoplastic and degenerative diseases are associated with changes in the plasma proteins that increased ESR values.

The ESR is influenced by age, stage of the menstrual cycle and medications taken (corticosteroids, contraceptive pills). It is especially low (0–1 mm) in polycythaemia, hypofibrinogenaemia and congestive cardiac failure and when there are abnormalities of the red cells such as poikilocytosis, spherocytosis, or sickle cells. In cases of performance enhancing drug intake by athletes the ESR values are generally lower than the usual value for the individual and as a result of the increase in haemoglobin (i.e. the effect of secondary polycythaemia).

- End of Report -

Dr.Ritesh Kharche MD, PGD-HM Consultant Pathologist and Director of Laboratory Services RegNo: 2006/03/1680

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## Biochemistry

Test Name			Resu	lt	Unit	Bio	logical Reference Interval
Sample No :	O0331178B	Collection Date :	11/05/24 09	:30 Ack Date :	11/05/2024 09:53	Report Date :	11/05/24 11:51
GLUCOSE-	PLASMA-FASTI	NG					
Glucose,Fas	ting			92.6		mg/dl	70 - 100
American Di	abetes Associati	on Reference R	ange :			-	
Diabetes : > References: 1)Pack Inser 2) Tietz Text Interpretation	ting glucose(Pre = 126 mg/dl t of Bio system book Of Clinical n :-	Chemistry And I	Molecular D	Diagnostics, 6th E	d, Editors: Rifai et omegaly, Acute str		o trauma,
heart attack, and stroke for instance), Chronic kidney disease, Cushing syndrome, Excessive consumption of food, Hyperthyroidism, Pancreatitis. A low level of glucose may indicate hypoglycemia, a condition characterized by a drop in blood glucose to a level where first it causes nervous system symptoms (sweating, palpitations, hunger, trembling, and anxiety), then begins to affect the brain (causing confusion, hallucinations, blurred vision, and sometimes even coma and death). A low blood glucose level (hypoglycemia) may be seen with:Adrenal insufficiency, Drinking excessive alcohol, Severe liver disease, Hypopituitarism, Hypothyroidism, Severe infections, Severe heart failure, Chronic kidney (renal) failure, Insulin overdose, Tumors that produce insulin (insulinomas), Starvation.							
Sample No :	O0331178C	Collection Date :	11/05/24 09	:30 Ack Date :	11/05/2024 09:53	Report Date :	11/05/24 13:44
ALT(SGPT	) - SERUM						
SGPT (Alani Method - IFCC	ne Transaminase	) - SERUM		12.9		IU/L	0 - 45





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#### 1)Pack Insert of Bio system

2) Tietz Textbook Of Clinical Chemistry And Molecular Diagnostics, 6th Ed, Editors: Rifai et al. 2018

Total Bilirubin - SERUM Method - Diazo	1.13	mg/dl	0 - 2
Direct Bilirubin SERUM Method - Diazotization	<b>0.48</b> ▲ (H)	mg/dl	0 - 0.4
Indirect Bilirubin - Calculated Method - Calculated	0.65	mg/dl	
CREATININE-SERUM			
Creatinine - SERUM Method - Jaffes Kinetic	0.83	mg/dl	0.5 - 1.3

#### References:

1)Pack Insert of Bio system

2) Tietz Textbook Of Clinical Chemistry And Molecular Diagnostics, 6th Ed, Editors: Rifai et al. 2018

#### Notes :-

Creatinine is a chemical waste molecule that is generated from muscle metabolism.Creatinine is produced from creatine, a molecule of major importance for energy production in muscles.Approximataly 1-2% of the body's creatine is converted to creatinine every day. Creatinine is transported through the bloodstream to the kidneys. The kidneys filter out host of the creatinine and dispose of it in the urine.The kidneys maintain the blood creatinine in a normal ranges. Creatinine has been found to be a fairly reliable indicator of kidney function.

GLUCOSE-PLASMA POST PRANDIAL			
Glucose,Post Prandial	91.8	mg/dl	70 - 140

American Diabetes Association Reference Range :

Post-Prandial Blood Glucose: Non- Diabetic: Up to 140mg/dL Pre-Diabetic: 140-199 mg/dL Diabetic :>200 mg/dL

References: 1)Pack Insert of Bio system 2) Tietz Textbook Of Clinical Chemistry And Molecular Diagnostics, 6th Ed, Editors: Rifai et al. 2018



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Interpretation :-

Conditions that can result in an elevated blood glucose level include: Acromegaly, Acute stress (response to trauma, heart attack, and stroke for instance), Chronic kidney disease, Cushing syndrome, Excessive consumption of food, Hyperthyroidism, Pancreatitis.

A low level of glucose may indicate hypoglycemia, a condition characterized by a drop in blood glucose to a level where first it causes nervous system symptoms (sweating, palpitations, hunger, trembling, and anxiety), then begins to affect the brain (causing confusion, hallucinations, blurred vision, and sometimes even coma and death). A low blood glucose level (hypoglycemia) may be

seen with:Adrenal insufficiency, Drinking excessive alcohol, Severe liver disease, Hypopituitarism, Hypothyroidism, Severe infections, Severe heart failure, Chronic kidney (renal) failure, Insulin overdose, Tumors that produce insulin (insulinomas), Starvation.

End of Report

Dr.Ritesh Kharche MD, PGD-HM Consultant Pathologist and Director of Laboratory Services RegNo: 2006/03/1680



Dr.Nipa Dhorda MD Pathologist





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# Urinalysis

Test Name		Resul	lt	Unit	Bio	logical Reference Interval
Sample No: 00331178D	Collection Date :	11/05/24 09	:30 Ack Date :	11/05/2024 09:53	Report Date :	11/05/24 13:44
Physical Examination						
QUANTITY			50		ml	
Colour			Pale Yellow			
Appearance			Clear			
DEPOSIT			Absent			Absent
рН			Acidic			
Specific Gravity			1.010			
Chemical Examination						
Protein			Absent			Absent
Sugar			Absent			Absent
ketones			Absent			Absent
Occult Blood			NEGATIVE			Negative
Bile Salt			Absent			Absent
Bile Pigments			Absent			Absent
Urobilinogen			NORMAL			Normal
NITRATE			Absent			Absent
LEUKOCYTES			Absent			Absent

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Episode Ref. Doctor	: OP : Self		Mobile No DOB	: 8779046019 : 26/12/1997 : SEVENHILLS HOSPITAL, MUMBAI	
Microscopic E	xamination		Facility		
Pus cells		1-2		/HPF	
Epithelial Cells		1-2		/HPF	
RBC		ABSENT		/HPF	Absent
Cast		ABSENT		/LPF	Absent
Crystal		ABSENT		/HPF	Absent
Amorphous Mat	terials	Absent			Absent
Yeast		Absent			Absent
Bacteria		Absent			Absent

------ End of Report --



Dr.Nipa Dhorda MD Pathologist



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	: Self	Facility	: SEVENHILLS HOSPITAL,
Ref. Doctor Address	<ul> <li>1004 KALINDI, NILKANT VALLEY, RAJAWADI, GHATKOPAR</li> <li>EAST,Mumbai, Maharastra, 400077</li> </ul>	Mobile	MUMBAI : 8779046019

# **DIAGNOSTICS REPORT**

X-RAY CHEST PA VIEW

Both lungs are clear.

The frontal cardiac dimensions are normal.

The pleural spaces are clear.

Both hilar shadows are normal in position and density.

No diaphragmatic abnormality is seen.

The soft tissues and bony thorax are normal.

IMPRESSION: No pleuroparenchymal lesion is seen.

Kula

Dr.Bhujang Pai MBBS,MD

Consultant RegNo: 49380



# Arcofemi Healthcare Pvt Ltd

(Formeriy 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>Mr.Raj Dadia</u> aged,<u>26yr</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.

S. 6. 6. 6. 6.

Place: Mumbai Date: 11/05/2024

Dr. Nuesh.... MBBS M, #CMR147093

Name & Signature of

# Medical officer