

Arcofemi Healthcare Pvt Ltd

(Formerly known as Arcofemi Healthcare Ltd)
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CIN: U24240DL2011PTC216307

MEDICAL FITNESS CERTIFICATE

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

This is to certify that Mrs. Tarana Nargolwala, <u>24yr</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, color blindness, and any chronic or

Place: Mumbai

Date: 05/07/2024

Madal (C

Medical officer

Patient Name : Ms. TARANA NARGOLWALA Age/Sex : 24 Year(s) / Female

Episode : OP

Ref. Doctor: self Mobile No: 9821882582

DOB : 12/10/1999

Facility: SEVENHILLS HOSPITAL,

MUMBAI

Blood Bank

lest Name			Result	Result					
	Sample No :	O0342695A	Collection Date :	05/07/24 09:14	Ack Date :	05/07/2024 13:58	Report Date :	05/07/24 14:07	

BLOOD GROUPING/ CROSS-MATCHING BY SEMI AUTOMATION					
BLOOD GROUP (ABO)	'A'				
Rh Type Method - Column Agglutination	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



Patient Name : Ms. TARANA NARGOLWALA Age/Sex : 24 Year(s) / Female

Episode : OP

Ref. Doctor : self Mobile No : 9821882582

Test Name

DOB : 12/10/1999

Unit

Facility : SEVENHILLS HOSPITAL,

MUMBAI

Biological Reference Interval

HAEMATOLOGY

St Name		Result		Offic	Dio	logical Reference Titler
Sample No : 00342695A	Collection Date :	05/07/24 09:14	Ack Date :	05/07/2024 09:29	Report Date :	05/07/24 11:05
COMPLETE BLOOD COUNT	(CBC) - EDTA	WHOLE BLOOD				
Total WBC Count		6.01	<u>. </u>		x10^3/ul	4.00 - 10.00
Neutrophils		58.4	ŀ		%	40.00 - 80.00
Lymphocytes		35.0)			20.00 - 40.00
Eosinophils		0.5	▼ (L)			1.00 - 6.00
Monocytes		6.0				2.00 - 10.00
Basophils		0.1	▼ (L)			1.00 - 2.00
Absolute Neutrophil Count		3.51			x10^3/ul	2.00 - 7.00
Absolute Lymphocyte Count		2.10)			0.80 - 4.00
Absolute Eosinophil Count		0.03	}			0.02 - 0.50
Absolute Monocyte Count		0.36	j			0.12 - 1.20
Absolute Basophil Count		0.01				0.00 - 0.10
RBCs		4.95	j		x10^6/ul	4.50 - 5.50
Hemoglobin		13.7	,		gm/dl	12.00 - 15.00
Hematocrit		40.9)		%	40.00 - 50.00
MCV		82.0	6 ▼ (L)		fl	83.00 - 101.00
MCH		27.8	}		pg	27.00 - 32.00
MCHC		33.6			gm/dl	31.50 - 34.50



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RED CELL DISTRIBUTION WIDTH-CV (RDW-CV)	13.0	%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH-SD (RDW-SD)	40.2	fl	35.00 - 56.00
Platelet	234	x10^3/ul	150.00 - 410.00
Mean Platelet Volume (MPV)	10.4	fl	6.78 - 13.46
PLATELET DISTRIBUTION WIDTH (PDW)	16.3	%	9.00 - 17.00
PLATELETCRIT (PCT)	0.243		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

Consultant Pathologist and Director of Laboratory Services



Patient Name : Ms. TARANA NARGOLWALA Age/Sex : 24 Year(s) / Female

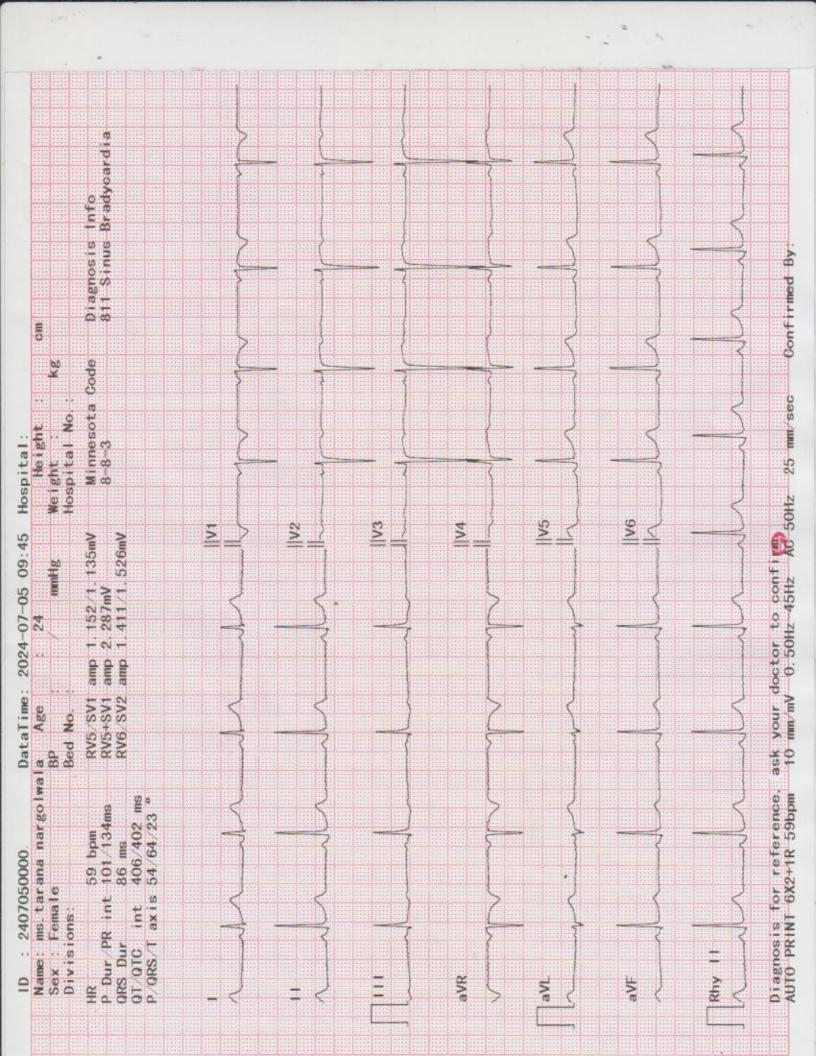
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Episode : OP

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HAEMATOLOGY

Test Name		Result		Unit Biol		ogical Reference Interval	
Sample No :	O0342695A	Collection Date :	05/07/24 09:14	Ack Date :	05/07/2024 09:29	Report Date :	05/07/24 12:51

ERYTHROCYTE SEDIMENTATION RATE (ESR)			
ESR	23 ▲ (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

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Biochemistry

Test Name			Result		Unit		iological Reference Interval	
Sample No :	O0342695B	Collection Date :	05/07/24 09:14	Ack Date :	05/07/2024 09:29	Report Date :	05/07/24 11:05	

Blood Glucose Random(RBS/FBS/PPBS)			
Glucose,Random	91.37	mg/dl	70 - 140

American Diabetes Association Reference Range:

FBS :- 70-100 PPBS :- 70-140 RBS :- 70-140

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

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.

Sample No :	O0342695C	Collection Date :	05/07/24 09:14	Ack Date :	05/07/2024 09:29	Report Date :	05/07/24 11:05

ALT(SGPT) - SERUM			
SGPT (Alanine Transaminase) - SERUM Method - IFCC	13.62	IU/L	0 - 34



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References:

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	0.69	mg/dl	0 - 2
Direct Bilirubin SERUM Method - Diazotization	0.34		0 - 0.4
Indirect Bilirubin - Calculated Method - Calculated	0.35 ▲ (H)		
BUN-SERUM			
BUN - SERUM Method - Urease-GLDH	8.56	mg/dl	4 - 18

References:

1)Pack Insert of Bio system

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

CREATININE-SERUM			
Creatinine - SERUM Method - Jaffes Kinetic	0.65	mg/dl	0.5 - 1.1

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.

End of Report

Dr.Ritesh Kharche MD, PGD-HM

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Urinalysis

est Name	Resu	lt	Unit	Bio	logical Reference Interval
Sample No: 00342695D	Collection Date : 05/07/24 09	Ack Date :	05/07/2024 09:29	Report Date :	05/07/24 13:38
Physical Examination					
QUANTITY		30		ml	
Colour		Pale Yellow			
Appearance		Clear			
DEPOSIT		Absent			Absent
рН		Acidic			
Specific Gravity		1.020			
Chemical Examination					
Protein		Trace			Absent
Glucose		Absent			
ketones		Absent			
Blood		NEGATIVE			Negative
Bilirubin		Negative			
Urobilinogen		normal			Normal
NITRATE		Absent			Absent
LEUKOCYTES		Absent			
Microscopic Examination					
Pus cells		8-10		/HPF	
Epithelial Cells		10-15			

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RBC	absent	/HPF	Absent
Cast	absent	/LPF	
Crystal	absent	/HPF	
Amorphous Materials	Absent		
Yeast	Absent		
Bacteria	POSITIVE (+++)		

End of Report

Dr.Ritesh Kharche

MD, PGD-HMConsultant Pathologist and Director of Laboratory Services



DIAGNOSTICS REPORT

Patient Name Age/Sex : Ms. TARANA NARGOLWALA

: 24 Year(s)/Female

UHID

: SHHM.99104

Ref. Doctor Address : self

: 789 KERAWALA BUILDING ROOM

NO 7 1ST FLOOR PARSI

COLONY, Dadar, Mumbai, Maharashtra, 400014 Order Date Report Date : 05/07/2024 09:08 : 08/07/2024 10:31

Facility

: SEVENHILLS HOSPITAL,

MUMBAI

Mobile

: 9821882582

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.

Dr.Bhujang Pai MBBS,MD

Consultant RegNo: 49380