



Patient Name : **MRS SHIVANI KARULKAR**

Reg Date : 18/09/2023 07:53 am

Reg No. : 0021297

Age & Sex : 55 Years / Female

Printed Date : 18/09/2023 03:26 pm

Referred By : DR. CHARUSHEELA KOLHE MBBS,D,DIAB(PGDDM),C,DIACBenter : ASAVLEE- MAIN LAB

### BODY PROFILE

<u>TEST</u>	<u>RESULT</u>	<u>UNITS</u>	<u>REFERENCE RANGE</u>
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#### COMPLETE BLOOD COUNT

Sample Type	: Whole Blood		
Haemoglobin (Non-Cyanide Hb)	: 13.5	gm/dl	12.0-15.0
R.B.C. Count (DC detection))	: 4.95	mill/cmm	4.5-6.5
Packed Cell Volume (RBC pulse height detection)	: 40.1	%	40-54
Mean Corpuscular Volume (Calculated)	: 81.0	cu micron	76-96
Mean Corpuscular Hemoglobin (Calculated)	: 27.3	picograms	27-32
Mean Corpuscular Hb Conc (Calculated)	: 33.7	g/dl	32-36
Total WBC Count (DC detection)	: 6700	/cmm	4000-11000
RDW-SD	: 42.4	fL	35.0-56.0
<b>DIFFERENTIAL COUNT (Microscopy)</b>			
Neutrophils	: 55	%	40-80
Lymphocytes	: 39	%	20-40
Monocytes	: 04	%	02-10
Eosinophils	: 02	%	01-06
Basophils	: 00	%	00-02
Platelet count (DC detection)	: 279000	/cmm	150000-450000

#### **PERIPHERAL SMEAR EXAMINATION (Microscopy)**

WBC Abnormality : Within Normal Limits

RBC Morphology : Normocytic, Normochromic.

Platelets : Adequate On Smear.

\*\* : The test Done by Fully Automated 3-part Differential Cell Counter

--- End Of Report ---

Barcode :

\*0021297\*

Dr Suvarna Deshpande  
MD(Path)

*Aparna*  
Dr. Aparna Jairam  
MD (Path)

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PATIENT NAME : SHIVANI KARULKAR

REF. DOCTOR : SELF

CODE/NAME & ADDRESS : CS00004728

ASAVLEE DR APARNA'S PATHOLOGY LABORATORY  
ASHOKA BUILDING,105,NEAR DON BOSCO CHURCH  
KAMANWALA, NEAR JAKAT NAKA SIGNAL,  
AGASHI ROAD, VIRAR WEST,PIN- 401303  
9821309914 / 9769438916

ACCESSION NO : 5047WH034563

AGE/SEX : 55 Years Female

PATIENT ID : SIRLF1808905047

DRAWN :

CLIENT PATIENT ID:

RECEIVED : 18/09/2023 16:56:40

ABHA NO :

REPORTED : 18/09/2023 19:14:23

Test Report Status	Final	Results	Biological Reference Interval	Units
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HAEMATOLOGY - CBC

CBC-5, EDTA WHOLE BLOOD

BLOOD COUNTS, EDTA WHOLE BLOOD

HEMOGLOBIN (HB) METHOD : SLS METHOD	13.4	12.0 - 15.0	g/dL
RED BLOOD CELL (RBC) COUNT METHOD : ELECTRICAL IMPEDANCE	4.94	3.80 - 4.80	mil/ $\mu$ L
WHITE BLOOD CELL (WBC) COUNT METHOD : FLOW CYTOMETRY	6.9	4 - 10	thou/ $\mu$ L
PLATELET COUNT METHOD : ELECTRICAL IMPEDANCE	270	150 - 410	thou/ $\mu$ L
<b>RBC AND PLATELET INDICES</b>			
HEMATOCRIT (PCV) METHOD : PULSE HEIGHT DETECTION	40.2	36.0 - 46.0	%
MEAN CORPUSCULAR VOLUME (MCV) METHOD : CALCULATED	81.4	83.0 - 101.0	fL
MEAN CORPUSCULAR HEMOGLOBIN (MCH) METHOD : CALCULATED	27.1	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION(MCHC) METHOD : CALCULATED	33.3	31.5 - 34.5	g/dL
RED CELL DISTRIBUTION WIDTH (RDW) METHOD : CALCULATED	12.9	11.6 - 14.0	%
MENTZER INDEX METHOD : CALCULATED	19.8	> 13 Normal < 13 s/o Thalassemia, Advise HPLC	Index
MEAN PLATELET VOLUME (MPV)	10.4	6.80 - 10.90	fL
WBC DIFFERENTIAL COUNT	RESULT PENDING		

Interpretation(s)

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.

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

Please visit [www.agilusdiagnostics.com](http://www.agilusdiagnostics.com) for related Test Information for this accession



DR. ALVIN ALVA (MD)  
CONSULTANT PATHOLOGIST

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View Details

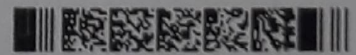


View Report

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Patient Ref. No. 504700006255532