


## Medical Laboratory Report

Patient Name : Mr DUMMY  
Age and Gender : 25 Years / Male  
Category : IPD - MH BMC  
Referring Doctor : DR.VIDYA  
Sample Processed at : MH DOMBIVALI SHAHSTRI NAGAR HOSPITAL


Patient UID No : BMCM240100837035  
PRN No : 8788713252  
Registered On : 12 Jan 2024  
Sample UID No.   
5978745852

### HEMATOLOGY

Test Done	Observed Value	Units	Biological Reference Interval
<b><u>COMPLETE BLOOD COUNT</u></b>			
<b>Haemoglobin</b> Photometric	14.30	g/dl	13.0 - 18.0
<b>Total Leucocyte Count</b> Electrical impedance	2.80	$\times 10^3 / \mu\text{L}$	4.0 - 11.0
<b>Total Erythrocyte Count</b> Electrical impedance	3.20	$\times 10^6 / \mu\text{L}$	3.5 - 5.5
<b>Platelet count</b> Electrical impedance	100.00	$\times 10^3 / \mu\text{L}$	150 - 410
<b>MPV</b> Calculated	12.00	fL	
<b>PCT</b> Electrical Impedence	13.00	%	
<b>PDW</b> Electrical Impedence	14.00	%	
<b><u>R.B.C. Indices</u></b>			
<b>P.C.V.</b> Electrical impedance	44.00	%	40 - 52
<b>M.C.V.</b> Measured	88.00	fL	82 - 95.0
<b>M.C.H.</b> Measured	26.00	pg	25 - 33
<b>M.C.H.C</b> Calculated	32.00	gm/dl	31.5 - 34.5
<b>R.D.W. CV</b> Calculated	14.00	%	11.0 - 16.0
<b><u>Differential W.B.C. Count</u></b>			
<b>Neutrophils</b> Cytochemistry & impedance/PS	80.00	%	40 - 70
<b>Lymphocytes</b> Cytochemistry & impedance/PS	10.00	%	20 - 40
<b>Eosinophils</b> Cytochemistry & impedance/PS	6.00	%	0 - 6
<b>Monocytes</b> Cytochemistry & impedance/PS	04	%	0 - 8
<b>Basophils</b> Cytochemistry & impedance/PS	01	%	0 - 1
<b><u>Absolute Count</u></b>			
<b>Absolute Neutrophil Count</b> Calculated	2.24	$\times 10^3 / \mu\text{L}$	1.5 - 8.0
<b>Absolute Lymphocyte Count</b>	0.28	$\times 10^3 / \mu\text{L}$	

## Medical Laboratory Report

Patient Name : Mr DUMMY  
Age and Gender : 25 Years / Male  
Category : IPD - MH BMC  
Referring Doctor : DR.VIDYA  
Sample Processed at : MH DOMBIVALI SHAHSTRI NAGAR HOSPITAL

Patient UID No : BMCM240100837035  
PRN No : 8788713252  
Registered On : 12 Jan 2024  
Sample UID No.   
5978745852

### HEMATOLOGY

Test Done	Observed Value	Units	Biological Reference Interval
-----------	----------------	-------	-------------------------------

#### COMPLETE BLOOD COUNT

##### Absolute Count

Calculated

<b>Absolute Eosinophil Count</b>	0.17	$\times 10^3 / \mu\text{L}$	0.04 - 0.44
----------------------------------	------	-----------------------------	-------------

Calculated

<b>Absolute Monocyte Count</b>	0.11	$\times 10^3 / \mu\text{L}$	
--------------------------------	------	-----------------------------	--

Calculated

<b>Absolute Basophil Count</b>	0.03	$\times 10^3 / \mu\text{L}$	
--------------------------------	------	-----------------------------	--

Calculated

##### Peripheral Smear Findings

**Abnormalities of Erythrocytes**

Normocytic Normochromic

**Abnormalities of Leucocytes**

Leukopenia with realtive Neutrophilia

**Platelets on smear**

Reduced on smear.

Test performed on fully automated 5 part differential cell counter.



  
DR. ABHISHEK GAWANDE  
( MD PATHOLOGIST )

~~~ END OF REPORT ~~~


Sample Collected On : 12.01.2024 14:23  
Results Authenticated : 12.01.2024 14:33

Sample Accepted On : 12.01.2024 14:23  
Results Reported : 12.01.2024 14:42

E16999  
Printed On : 14.01.2024 12:36

## Medical Laboratory Report

Patient Name : Mr DUMMY  
Age and Gender : 25 Years / Male  
Category : IPD - MH BMC  
Referring Doctor : DR.VIDYA  
Sample Processed at : MH DOMBIVALI SHAHSTRI NAGAR HOSPITAL

Patient UID No : BMCM240100837035  
PRN No : 8788713252  
Registered On : 12 Jan 2024  
Sample UID No.   
3659874255

### BIOCHEMISTRY

| Test Done                                                                                                                                                                    | Observed Value | Units | Biological Reference Interval                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|-----------------------------------------------------------------------------------------------------------|
| <b><u>LIPID PROFILE</u></b>                                                                                                                                                  |                |       |                                                                                                           |
| <b>Cholesterol - Serum</b>                                                                                                                                                   | <b>300.00</b>  | mg/dl | Desirable: < 200<br>Borderline High: 200-239<br>High: >= 240                                              |
| Serum<br>Enzymatic                                                                                                                                                           |                |       |                                                                                                           |
| <b>Triglyceride - Serum</b>                                                                                                                                                  | <b>400.00</b>  | mg/dl | Normal: < 150<br>Borderline High: 150-199<br>High: 200-499<br>Very High: >= 500                           |
| Serum<br>Glycerol Phosphate Oxidase                                                                                                                                          |                |       |                                                                                                           |
| <b>HDL Cholesterol - Serum</b>                                                                                                                                               | <b>45.00</b>   | mg/dl | Major risk factor for heart disease: < 40<br>Negative risk factor for heart disease: >= 60                |
| Direct, Enzymatic                                                                                                                                                            |                |       |                                                                                                           |
| <b>VLDL Cholesterol - Serum</b>                                                                                                                                              | <b>80.00</b>   | mg/dl | 6-38                                                                                                      |
| Calculated                                                                                                                                                                   |                |       |                                                                                                           |
| <b>LDL Cholesterol - Serum</b>                                                                                                                                               | <b>175.00</b>  | mg/dl | Optimal: < 100<br>Near Optimal: 100-129<br>Borderline high: 130-159<br>High: 160-189<br>Very High: >= 190 |
| Calculated                                                                                                                                                                   |                |       |                                                                                                           |
| <b>Total Cholesterol / HDL Cholesterol Ratio</b>                                                                                                                             | <b>6.67</b>    | %     | 3.0 - 5.0                                                                                                 |
| Calculated                                                                                                                                                                   |                |       |                                                                                                           |
| <b>LDL / HDL Cholesterol Ratio</b>                                                                                                                                           | <b>3.89</b>    | %     | 2.5 - 3.50                                                                                                |
| Calculated                                                                                                                                                                   |                |       |                                                                                                           |
| <b>Medical Remarks :</b> 1. As Triglycerides levels are above 400mg/dl, advised direct LDL if indicated.<br>2. Repeat test with proper 12-hour Fasting sample, if indicated. |                |       |                                                                                                           |
| Test performed on fully automated biochemistry analyzer                                                                                                                      |                |       |                                                                                                           |
| B.R.I are as per National Cholesterol Education Program ( NCEP) Adult treatment panel III report                                                                             |                |       |                                                                                                           |



  
**DR. ABHISHEK GAWANDE**  
( MD PATHOLOGIST )

~~~ END OF REPORT ~~~

Sample Collected On : 12.01.2024 14:23  
Results Authenticated : 12.01.2024 14:33

Sample Accepted On : 12.01.2024 14:23  
Results Reported : 12.01.2024 14:43

E16999  
Printed On : 14.01.2024 12:36