



BML481716

## Laboratory Investigation Report

Name : Mr. SUNDAR RAJAN ELUMALAI  
DOB : 26/04/1984  
Age / Gender : 40 Y / Male  
Referred by : Dr. Enomen Goodluck Ekata  
Centre : CITICARE MEDICAL CENTER

Ref No. :  
Sample No. : 2410492357  
Collected : 25/10/2024 17:47  
Registered : 26/10/2024 10:34  
Reported : 26/10/2024 13:29

### BIOCHEMISTRY

| Test                          | Result | Flag | Unit  | Reference Range                                                                                                                                                   | Methodology                              |
|-------------------------------|--------|------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| <b>LIPID PROFILE TEST</b>     |        |      |       |                                                                                                                                                                   |                                          |
| CHOLESTEROL (TOTAL)           | 216    | H    | mg/dl | Desirable: < 200<br>Borderline High: 200 - 239<br>High: = 240<br>Please note change.<br>Source: Roche IFU.                                                        | Enzymatic colorimetric assay             |
| HDL CHOLESTEROL               | 46     |      | mg/dl | 40 - 60<br>Please note change.<br>Source: Roche IFU.                                                                                                              | Homogeneous enzymatic colorimetric assay |
| LDL CHOLESTEROL DIRECT        | 148    | H    | mg/dl | Optimal: < 100<br>Near/Above Optimal: 100 - 129<br>Borderline High: 130 - 159<br>High: 160 - 189<br>Very High: = 190<br>Please note change.<br>Source: Roche IFU. | Homogeneous enzymatic colorimetric assay |
| VLDL CHOLESTEROL              | 20     |      | mg/dL | < 30                                                                                                                                                              | Calculation                              |
| NON-HDL CHOLESTEROL           | 168    | H    | mg/dL | < 140                                                                                                                                                             | Calculation                              |
| TRIGLYCERIDES                 | 100    |      | mg/dl | Normal: < 150<br>Borderline High: 150 - 199<br>High: 200 - 499<br>Very High: > 500<br>Source: Roche IFU.                                                          | Enzymatic colorimetric assay             |
| TOTAL CHOLESTEROL / HDL RATIO | 4.7    | H    |       | < 4.5                                                                                                                                                             | Calculation                              |
| LDL / HDL RATIO               | 3.2    |      |       | < 3.5                                                                                                                                                             | Calculation                              |

Sample Type : Serum

End of Report

Dr. Adley Mark Fernandes  
M.D (Pathology)  
Pathologist

*Vyoma V. Shah*  
Dr. Vyoma V Shah  
M.D (Pathology)  
Clinical Pathologist

*Bhavya Thendankandy*  
BHAVYA THENDANKANDY  
Biochemistry Technologist

This is an electronically authenticated report

Page 1 of 1

Printed on: 26/10/2024 13:31

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.

