


**LABORATORY REPORT**
**RIQAS**
**PATIENT NAME : MR H S I GAYAN**
**AGE : 41 Y 0 M 0 D BILL NO : 243846 (Cash [Full])**
**GENDER : Male REPORT DATE & TIME : Sat 25 Jul, 2026 01:13 PM**
**SPECIMEN : Serum SAMPLE DATE & TIME : Sat 25 Jul, 2026 10:16 AM**
**REFERRED BY : Self Requested**
**CENTER : COOP-HOSPITAL MATARA**
**LIPID PROFILE**

| TEST                     | RESULT     | UNIT  | REF. RANGE |
|--------------------------|------------|-------|------------|
| <b>TOTAL CHOLESTEROL</b> | <b>202</b> | mg/dL | 150-200    |
| <b>TRIGLYCERIDES</b>     | <b>86</b>  | mg/dL | 50-150     |
| <b>HDL-CHOLESTEROL</b>   | <b>48</b>  | mg/dL | 40-60      |
| <b>LDL-CHOLESTEROL</b>   | <b>137</b> | mg/dL | 0-130      |
| <b>TOTAL CHOL/HDL</b>    | <b>4.2</b> |       | 0-3.8      |

**Cholesterol and Lipoprotein Target Level**

|                              | Desirable levels<br>(Low risk for CHD) | Borderline levels<br>(Average risk for CHD) | High levels<br>(High risk)             |
|------------------------------|----------------------------------------|---------------------------------------------|----------------------------------------|
| <b>Total cholesterol</b>     | < 200 mg/dl                            | 200-239 mg/dl                               | > 240 mg/dl                            |
| <b>HDL cholesterol</b>       | > 60 mg/dl                             | 40-59 mg/dl (men)<br>50-59 mg/dl (women)    | < 40 mg/dl (men)<br>< 50 mg/dl (women) |
| <b>Triglycerides</b>         | < 150 mg/dl                            | 150-199 mg/dl                               | > 200 mg/dl                            |
| <b>LDL cholesterol</b>       | < 130 mg/dl                            | 130-159 mg/dl                               | > 160 mg/dl                            |
| <b>Cholesterol/HDL ratio</b> | < 3.4                                  | 3.4-5.7                                     | > 5.7                                  |

Lipid levels for individuals with CHD or CHD risk equivalents (CHD- Coronary artery disease)

|                          |             |               |             |
|--------------------------|-------------|---------------|-------------|
| <b>Total cholesterol</b> | < 170 mg/dl | 170-200 mg/dl | > 200 mg/dl |
| <b>LDL cholesterol</b>   | < 100 mg/dl | 100-130 mg/dl | > 130 mg/dl |

Dr. Thushari Vithanage  
MBBS, PG Dip. Path & MD (Chemical Pathology)  
Consultant Chemical Pathologist  
DGH Matara

Dr. Dileepa Amarasekiriya  
MBBS, D. Path, MD (Haematology)  
Consultant Haematologist  
DGH Matara

Dr. N J Pittigalage  
MBBS, Dip. Microbiology, MD. Microbiology  
Consultant Microbiologist  
DGH Matara



Medical Laboratory Technologist

No 223, Kumarathunga Mawatha, Matara

Tel : +94(0)412232893

Email: cooplabmatara@gmail.com

Web: www.cooperativehospitals.lk

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