

**LABORATORY REPORT**Patient Name : **MRS RENUKA WITHANACHCHI**Location : **DURDANS LAB - GALLE**

Age / Gender : 60 Y / F

Invoice Date : 2024/08/10

Time : 8:24AM

Specimen No : **AAOS4461592-100824** UHID : **REG230669211**

Specimen Type : BLOOD

Testing Unit : BIOCHEMISTRY

Specimen Collect Date : 2024/08/10

Time : 08:36:26

Referred By : SELF-REQUEST

Patient Code : 289375

**LIPID PROFILE SERUM**

Laboratory Investigation	Result	Unit	Result Interpretation
<b>TOTAL CHOLESTEROL</b>	<b>167</b>	<b>mg/dL</b>	<b>DESIRABLE</b>
<b>HDL CHOLESTEROL</b>	<b>44</b>	<b>mg/dL</b>	<b>UNDESIRABLE</b>
<b>TRIGLYCERIDES</b>	<b>84</b>	<b>mg/dL</b>	<b>DESIRABLE</b>
<b>LDL CHOLESTEROL</b>	<b>106.20</b>	<b>mg/dL</b>	<b>NEAR OPTIMAL</b>
<b>VLDL CHOLESTEROL</b>	<b>16.80</b>	<b>mg/dL</b>	
<b>NON HDL CHOLESTEROL</b>	<b>123.00</b>	<b>mg/dL</b>	
<b>TOTAL CHOLESTEROL/HDL RATIO</b>	<b>3.80</b>		
<b>TRIGLYCERIDES/HDL RATIO</b>	<b>1.91</b>		<b>OPTIMAL</b>

\* Result Interpretation-based-clinical decision values :

Total Cholesterol (mg/dL)	HDL Cholesterol (mg/dL)	Triglycerides (md/dL)	LDL Cholesterol (mg/dL)	TGL/ HDL Ratio
<200 Desirable	>60 Optimal	<150 Desirable	<100 Optimal	<3.3 Optimal
200 - 240 Borderline High	40 - 60 Male 50 - 60 Female Near Optimal	150 - 199 Borderline High	100 - 129 Near Optimal	3.3 - 4.5 Borderline High
>240 High	<40 Male <50 Female Undesirable	200-500 High	130 - 159 Borderline High	> 4.5 High
		>500 Very High	160 - 190 High	
			>190 Very High	

Most desirable total cholesterol to HDL Cholesterol ration: 1.0 to <3.5  
Desirable non HDL Cholesterol level - <130 mg/dL

Assay for Lp (a) "little - a" which is an emerging risk factor for ischemik heart disease and stroke is now available in Durdans Laboratory.

Reported on: 10/08/2024 11:24:08 AM

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Udana Liyanage  
MLT