Department of Pathology Laboratory
Biochemistry Report

Specimen Information
Fasting Blood

Collected	27-Aug-2022	8:14 am
Received	27-Aug-2022	10:21 am
Report Generated	27-Aug-2022	12:31 pm

Test	Result	Unit	Reference Value	Methodology
Fasting Blood Glucose (FBG)				
*Fasting Blood Glucose	**6.07**	mmol/L	3.89-5.83	Hexokinase/G-6-P dH
Lipid Profile				
*Cholesterol (Total)	**183.0**	mg/dL	<200 (Desirable Level) 200-239 (Borderline High) >240 (High Blood Cholesterol)	Enzymatic, CHOD, PAP/CHOD-POD
*HDL - Cholesterol	**39.0**	mg/dl	>60 (Considered protective against heart disease)	Enzymatic Immunoinhibition/Accelerator selective Detergen
*LDL - Cholesterol	**102.0**	mg/dL	<100 (Optimal) 100-129 (Low risk) 130-159 (Borderline High) 160-189 (High risk) >190 (Very high risk)	Enzymatic Selective Protection/Detergen
T.Cholesterol / HDL Ratio	**4.6**	Ratio	Very low risk (1/2 average) : < 3.4 (M), < 3.3 (F). Low risk : 4.0 (M), 3.8 (F). Average risk : 5.0 (M), 4.5 (F). Moderate risk (2x average) : 9.5 (M), 7.0 (F). High risk (3x risk) : > 23 (M), > 11 (F).	
*Triglycerides	**230.0**	mg/dL	<150 (Normal) 150-199 (Borderline High) 200-499 (High) >500 (Very High)	GPO-PAP without glycerol Correction/GPO-POD

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