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TEST PATIENT

GUa d'Y'HYghBUa Y
Sex : :
DUHY Collected : 00-00-0000
111 H9GH'ROAD TEST SUBURB
@AB =8: 00000000 UR#:0000000

TEST PHYSICIAN

DR JOHN DOE
111 CLINIC STF 99H
7@B=7'GI 6I F6'J =7'' \$\$\$

BIOCHEMISTRY

BLOOD - SERUM

Result Range Units

LIPIDS

CHOLESTEROL	9.0 *H	0.0 - 5.5	mmol/L	
TRIGLYCERIDES	1.0	0.2 - 1.5	mmol/L	

LIPID STUDIES

HDL(Protective)	2.6	> 1.2	mmol/L	
LDL(Atherogenic)	5.9 *H	0.5 - 3.5	mmol/L	
Cholesterol/HDL Ratio	3.4			
LDL/HDL RATIO (Risk Factor)	2.2	0.0 - 3.2		
Trig/HDL Ratio	0.4 *L	0.5 - 1.7	RATIO	

Lipid Profile Comment

CHOLESTEROL COMMENT:

For secondary prevention, total cholesterol Treatment Target is <4.0 mmol/L
Triglycerides Treatment Target <2.0 mmol/L
HDL Treatment Target Value >1.0 mmol/L

LDL-CHOLESTEROL COMMENT:

As there is an elevated LDL level, we suggest a Liposcreen (LDL Subfractions) Test to determine the presence of small, dense (highly atherogenic) LDLs which are a primary cause of Coronary Artery Disease (CAD).
The LDL subtypes are not detectable through conventional Lipid Profiles.

TRIG/HDL RATIO COMMENT:

HDL is closely related to triglycerides. Commonly, patients with elevated triglycerides also have low HDL levels, and also tend to have elevated levels of clotting factors in their blood stream, which is unhealthy in protecting against heart disease.
The triglyceride/HDL ratio is found to be one of the better predictors of heart disease. Research shows that people with an elevated ratio of triglycerides to HDL have 16 times the risk of heart attack as those with the low/normal.

Therefore, in adults, the triglyceride/HDL ratio should ideally be below 2.0 .

TRIG/HDL Reference Range:

< 0.9	Considered ideal	(minimal risk)
> 1.7	High	(moderate risk)
> 2.6	Very High	(high risk)

(*) Result outside normal reference range

(H) Result is above upper limit of reference rang (L) Result is below lower limit of reference range