

Lipid Panel Plus Analysis-Interpretation Guide



Clinic Name: _____ Patient Name: _____

Address: _____ Date of Birth: _____

_____ Date Collected: _____

Phone: _____

Lipid Panel Plus
Result Card

	Interpretation	Cutpoints* mg/dl	Cutpoints* mmol/L
Total Cholesterol (CHOL)	Desirable	< 200	< 5.17
	Borderline High	200 - 239	5.17 - 6.18
	High	≥ 240	≥ 6.20
HDL	Low HDL-Risk Factor	< 40	< 1.03
	High HDL-Negative Risk Factor (Desirable)	≥ 60	≥ 1.55
Triglycerides (TRIG)	Normal	< 150	< 1.70
	Borderline High	150 - 199	1.70 - 2.25
	High	200 - 499	2.26 - 5.64
	Very High	≥ 500	≥ 5.65
nHDLc	Optimal	<130	<3.37
	Increased Risk	130-189	3.37-4.90
	High Risk	>189	>4.90
Total Chol/HDL Ratio (TC/H) ³		Male	Female
	Low Risk	≤ 5	≤ 4.5
LDL (CALC) ¹	High Risk	> 5	> 4.5
	Optimal	< 100	< 2.58
	Near Optimal	100 - 129	2.58 - 3.33
	Borderline High	130 - 159	3.36 - 4.11
	High	160 - 189	4.13 - 4.88
VLDL (CALC) ²	Very High	≥190	≥4.91
	Normal	< 30	
	High	≥30	

Piccolo Reference Intervals	
Alanine Aminotransferase (ALT) ⁴	10-47 U/L
Aspartate Aminotransferase (AST) ⁴	11-38 U/L
Glucose (GLU) ⁴	73-118 mg/dL

COMMENTS: _____

The Interpretation Guide is based on the new National Cholesterol Education Program (NCEP) – Adult Treatment Program III (ATPIII).
¹The Piccolo calculates the LDL concentration using the Friedewald Equation. See Package Insert.
²For further information see: NCEP, ATPIII Report 2002– Section II Rationale for Intervention, - 3A Other Lipid Risk Factors, page II-9. See Package Insert.
³The ratio is used by some physicians for Lipid Risk Assessment. The ratio is calculated for the physician’s convenience.
⁴These ranges are provided as a guideline only. It is recommended that your office or institution establish normal ranges for your particular patient population.