

REFERENCE VALUE CHANGE

NOTIFICATION DATE: October 20, 2011 **EFFECTIVE DATE:** November 18, 2011

Lipid Panel

Test ID: LPSC

Secondary ID: #8053

EXPLANATION: Effective November 18, 2011, MML will implement new age-related reporting comments to supplement existing reference values. No other changes will occur at this time.

CURRENT REFERENCE VALUES:

The National Cholesterol Education Program (NCEP) has set the following guidelines:

TOTAL CHOLESTEROL

Desirable: <200 mg/dL

Borderline high: 200-239 mg/dL High cholesterol: > or =240 mg/dL

TRIGLYCERIDES

Normal triglyceride: <150 mg/dL Borderline high: 150-199 mg/dL

High: 200-499 mg/dL

Very high: > or =500 mg/dL

HDL CHOLESTEROL Low HDL: <40 mg/dL Normal: 40-60 mg/dL Desirable: >60 mg/dL LDL CHOLESTEROL

Optimal: <100 mg/dL Low risk: 100-129 mg/dL

Borderline high: 130-159 mg/dL

High: 160-189 mg/dL Very high: > or =190 mg/dL NON HDL CHOLESTEROL

Desirable: <130 mg/dL

Borderline high: 130-159 mg/dL

High: 160-189 mg/dL

Very high: > or =190 mg/dL

NEW REFERENCE VALUES:

The National Cholesterol Education Program

(NCEP) has set the

following guidelines for lipids (total

cholesterol, triglycerides,

HDL, and LDL cholesterol) in adults ages 18

and up:

TOTAL CHOLESTEROL

Desirable: <200 mg/dL Borderline high: 200-239 mg/dL High: > or =240 mg/dL

TRIGLYCERIDES

Normal: <150 mg/dL Borderline high: 150-199 mg/dL High: 200-499 mg/dL Very high: > or =500 mg/dL

HDL CHOLESTEROL

Low (removed HDL): <40 mg/dL Normal: 40-60 mg/dL High: >60 mg/dL

LDL CHOLESTEROL

Optimal: <100 mg/dL
Near Optimal: 100-129 mg/dL
Borderline high: 130-159 mg/dL
High: 160-189 mg/dL
Very high: > or =190 mg/dL

The National Cholesterol Education Program (NCEP) and National Health and Nutrition Examination Survey (NHANES) has set the

following guidelines for lipids (total

cholesterol, triglycerides,

HDL, and LDL cholesterol) in children ages 2-

17:

TOTAL CHOLESTEROL

Desirable: <170 mg/dL Borderline high: 170 -199 mg/dL High: > or =200 mg/dL

TRIGLYCERIDES	
Normal:	<90 mg/dL
Borderline high:	90-129 mg/dL
High:	> or =130 mg/dL
HDL CHOLESTEROL	
Low HDL:	<40 mg/dL
Borderline low:	40-59 mg/dL
Normal:	> or =60 mg/dL
LDL CHOLESTEROL	
Desirable:	<110 mg/dL
Borderline high:	110-129 mg/dL
High: $> or = 130 \text{ mg/dL}$	
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NOTE: This change may impact test set-up information and could require a change to file definition. Please review the Test Set-Up information for specifics.

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager Richard Einerson, Mayo Medical Laboratories' Technologist Support Telephone: 800-533-1710