

December 6, 2016 – All Regions

A L E R T

Lipid Panel replaces Advanced Lipid Panel

WHAT'S NEW?

The Advanced Lipid Panel was discontinued October 1, 2016. Recommended replacement is **LIPID PANEL** or **LIPID PANEL with Direct LDL if indicated** based on ACC/AHA Guidelines* on the treatment of blood cholesterol to reduce atherosclerotic cardiovascular risk in adults.

How to order Lipid Panel

Lipid Panel (LAB18): Includes cholesterol, triglyceride, HDL, calculated LDL and non-HDL cholesterol.

Or

Lipid Panel (LDL, Direct if indicated) (LAB2728): Includes cholesterol, triglyceride, HDL, calculated LDL, non-HDL cholesterol, and Direct LDL if indicated.

ACC/AHA Guidelines Recommendations

- Use of an initial fasting lipid panel
- Second lipid panel 4 to 12 weeks after initiation of statin therapy
- Thereafter, assessments should be performed every 3 to 12 months as clinically indicated (pp. 42-45 Figure 5 in ACC/AHA Guidelines).

KEY RECOMMENDATIONS

- Rather than LDL-C targets, intensity of statin therapy serves as treatment goal
- Randomized control trial evidence (RCT) demonstrated reduction in ASCVD events from moderate-or-high-intensity statin therapy for the following groups:
 - Individuals with clinical ASCVD
 - Individuals with primary elevations of LDL-C ≥ 190 mg/dL
 - Individuals 40 to 75 years with diabetes and LDL-C 70 to 189 mg/dL with clinical ASCVD
 - Individuals without clinical ASCVD or diabetes who are 40 to 75 years with LDL-C 70 to 189 mg/dL and have an estimated 10-year ASCVD risk of 7.5% or higher

QUESTIONS?

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HOW TO ORDER

Item	LAB18 Lipid Panel	LAB2728 Lipid Panel (LDL Direct, If Indicated)
Patient prep	Fasting specimen for a minimum of 8 hours is preferred but non-fasting is acceptable with physician approval. NOTE: If coffee, with or without cream/sugar, or chewing gum is consumed, draw specimen and note the hours fasting on the requisition.	Fasting specimen for a minimum of 8 hours is preferred but non-fasting is acceptable with physician approval.
Collection	One 7.5 mL serum separator tube (SST). Also acceptable: One 4 mL green top tube (heparin) or one 4.5 mL plasma separator tube (PST).	One 7.5 mL serum separator tube (SST). Also acceptable: One 4 mL green top tube (heparin) or 4.5 mL plasma separator tube (PST).
Handling	Centrifuge within 2 hours of collection and separate serum or plasma from cells. Refrigerate.	Centrifuge within 2 hours of collection and separate serum or plasma from cells. Refrigerate.
Stability	Ambient: 8 hours Refrigerated: 6 days at 2-8° C Frozen: 3 months at -25° C	Ambient: 8 hours Refrigerated: 6 days at 2-8° C Frozen: 3 months at -25° C
Volume	4 mL serum or plasma standard 2 mL serum or plasma minimum	4 mL serum or plasma standard 2 mL serum or plasma minimum
Transport	Refrigerated	Refrigerated
Rejection	Gross hemolysis	Gross hemolysis
CPT	80061	80061/83721 if indicated

Reference:

*Stone, NJ et al. 2013 ACC/AHA guideline on the treatment of blood cholesterol to reduce atherosclerotic cardiovascular risk in adults: A report of the American College of Cardiology/American Heart Association task force on practice guidelines. Circulation. 2013