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?
Stephen Erfurth, PhD, DABCC/TC
Director, Science and Technology
800-826-3616 ext. 8092
serfurth@peacehealthlabs.org

Lynette Long, MT(HHS)
Senior Clinical Scientist, Chemistry
541-687-2134 ext. 4619
llong@peacehealthlabs.org

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### HOW TO ORDER

<table>
<thead>
<tr>
<th>Item</th>
<th>LAB18 Lipid Panel</th>
<th>LAB2728 Lipid Panel (LDL Direct, If Indicated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient prep</td>
<td>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.</td>
<td>Fasting specimen for a minimum of 8 hours is preferred but non-fasting is acceptable with physician approval.</td>
</tr>
<tr>
<td>Collection</td>
<td>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).</td>
<td>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).</td>
</tr>
<tr>
<td>Handling</td>
<td>Centrifuge within 2 hours of collection and separate serum or plasma from cells. Refrigerate.</td>
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</tr>
<tr>
<td>Stability</td>
<td>Ambient: 8 hours</td>
<td>Ambient: 8 hours</td>
</tr>
<tr>
<td></td>
<td>Refrigerated: 6 days at 2-8° C</td>
<td>Refrigerated: 6 days at 2-8° C</td>
</tr>
<tr>
<td></td>
<td>Frozen: 3 months at -25° C</td>
<td>Frozen: 3 months at -25° C</td>
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<tr>
<td>Volume</td>
<td>4 mL serum or plasma standard</td>
<td>4 mL serum or plasma standard</td>
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<tr>
<td></td>
<td>2 mL serum or plasma minimum</td>
<td>2 mL serum or plasma minimum</td>
</tr>
<tr>
<td>Transport</td>
<td>Refrigerated</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Rejection</td>
<td>Gross hemolysis</td>
<td>Gross hemolysis</td>
</tr>
<tr>
<td>CPT</td>
<td>80061</td>
<td>80061/83721 if indicated</td>
</tr>
</tbody>
</table>

Reference: