

TEST UPDATE

LIPID PANEL AND ADVANCED LIPID PROFILE

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This change will take effect **January 12, 2015**

OVERVIEW AND CLINICAL UTILITY:

Effective January 12, 2015, PathGroup will launch updated report formatting and testing utilities to the current Lipid Panel, and introduce a new Advanced Lipid Profile to aid in the determination of cardiovascular risk factors. Pertinent reporting updates to the current Lipid Panel include cardiovascular risk assessment classification, LDL cholesterol patient history with trend analysis, and test results reduced to clinically relevant data as recommended by the 2004 ATP III guidelines.

In November 2013, the American College of Cardiology (ACC) and American Heart Association (AHA) Task Force on Practice Guidelines released the 2013 Guidelines on the Treatment of Blood Cholesterol to Reduce Atherosclerotic Cardiovascular Disease in Adults. The expert panel used data from randomized controlled clinical trials (RCT) to identify patients who would likely benefit from cholesterol lowering statin therapy. The four statin benefit groups developed include individuals with:

1. Clinical ASCVD
2. Primary elevations of LDL-C > 190 mg/dL
3. Diabetes ages 40-75 years with LDL-C 70-189 mg/dL and without clinical ASCVD
4. Without clinical ASCVD or diabetes with LDL-C 70-189 mg/dL and estimated 10-year ASCVD risk > 7.5%

**10-year estimated risk prediction for an atherosclerotic cardiovascular disease (ASCVD) event is calculated using Pooled Cohort Equations. Patients with a risk score of >7.5% are not told to automatically take a statin, but to discuss the pros and cons with their physician.*

TEST METHODOLOGY:

Chemiluminescence

ORDERING:

TEST CODE	TEST NAME	CPT CODE
LIPID	Lipid Panel - Cholesterol, Triglyceride, HDL Cholesterol, LDL Cholesterol Calculation	80061
LIPCVD	Advanced Lipid Profile - Cholesterol, Triglyceride, HDL Cholesterol, LDL Cholesterol Calculation, ACC/AHA statin benefit group identification or risk calculation	80061

The Advanced Lipid Profile requires the following patient information: Race, treatment for high blood pressure, diabetic status, smoking status, previous history of ASCVD, systolic blood pressure, and current BMI (optional).

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SPECIMEN COLLECTION AND STORAGE:

IF ORDERING:

Serum

- Collect specimen in an SST/serum separator tube
 - a) Allow serum tube to clot for 30 minutes.
 - b) Spin serum separator tube 10-15 minutes @ 3500 rpm.
- Serum specimens are stable refrigerated for 7 days or frozen for 30 days.
- Transport specimen refrigerated.

TEST PERFORMED: Sunday - Saturday**TURNAROUND TIME:** 24 Hours

For further questions, please contact Client Services at 615-562-9300 or 1-888-474-5227.