
Lab Dept: Chemistry

Test Name: LIPOPROTEIN a

General Information

Lab Order Codes: LIPOA

Synonyms: Lp(a) apoprotein

CPT Codes: 83695 – Lipoprotein (a)

Test Includes: Lipoprotein a level reported in mg/dL.

Logistics

Test Indications: Providing additional information on coronary heart disease risk in patients known or suspected to be at increased risk based on other factors, including family history of premature coronary heart disease or stroke, hypertension, cigarette smoking, obesity, diabetes mellitus, increased concentration of LDL cholesterol, and depressed concentration of high density lipoprotein (HDL) cholesterol.

Lab Testing Sections: Chemistry – Sendouts

Referred to: Mayo Medical Laboratories (MML Test: LIPA/81558)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 – 3 days

Special Instructions: Because Lipoprotein a acts like an acute-phase protein, it should not be measured during periods of active inflammation. Lipoprotein a levels should not be measured for at least 1 month following myocardial infarction or stroke.

Specimen

Specimen Type: Blood

Container: Red top tube

Draw Volume: 3 mL (Minimum: 1.5 mL) blood

Processed Volume:	1 mL (Minimum: 0.5 mL) serum
Collection:	Routine venipuncture
Special Processing:	Lab staff: Centrifuge specimen, remove serum aliquot into a screw-top plastic vial. Store and ship at refrigerated temperatures. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens; gross hemolysis; gross lipemia; grossly icteric

Interpretive

Reference Range: ≤30 mg/dL

Values >30 mg/dL may suggest risk of coronary heart disease.

Critical Values: N/A

Limitations: Because Lipoprotein a behaves like an acute-phase protein, it should not be measured during periods of active inflammation. Serum Lipoprotein a levels should not be measured for at least 1 month after a myocardial infarction or stroke.

This is not recommended as a screening test in the healthy population.

Methodology: Automated Turbinometric Immunoassay

References: [Mayo Medical Laboratories Web Page](#) September 2012

Updates: 1/23/2006: CPT 2006 updates
4/19/12: Changed from frozen to refrigerated