

Apolipoprotein A1 and B, Serum

Test ID: APOAB

Explanation:

This test will replace the Apolipoprotein A1 and B, Plasma (APABR) test.

Useful for:

Assessment of cardiovascular risk

Follow-up studies in individuals with basic lipid measures inconsistent with risk factors or clinical presentation

Definitive studies of cardiac risk factors in individuals with significant family histories of coronary artery disease or other increased risk factors

Profile Information:

Test ID	Reporting Name	Available Separately	Always Performed
RBAA1	Apolipoprotein B/A1 ratio	No	Yes
APOA1	Apolipoprotein A1, S	Yes	Yes
APOLB	Apolipoprotein B, S	Yes	Yes

Methods:

Automated Turbidimetric Immunoassay

Reference Values:

Males

Age	Apolipoprotein A (mg/dL)	Apolipoprotein B (mg/dL)	Apolipoprotein B/A1 ratio
<24 months	Not established	Not established	Not established
2-17 years	Low: <115 Borderline low: 115-120 Acceptable: >120	Acceptable: <90 Borderline high: 90-109 High: > or =110	<0.8

>18 years	> or =120	Desirable: <90 Above Desirable: 90-99 Borderline high: 100-119 High: 120-139 Very high: > or =140	Lower Risk: <0.7 Average Risk: 0.7-0.9 Higher Risk: >0.9
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Females

Age	Apolipoprotein A (mg/dL)	Apolipoprotein B (mg/dL)	Apolipoprotein B/A1 ratio
<24 months	Not established	Not established	Not established
2-17 years	Low: <115 Borderline low: 115-120 Acceptable: >120	Acceptable: <90 Borderline high: 90-109 High: > or =110	<0.8
>18 years	> or =140	Desirable: <90 Above Desirable: 90-99 Borderline high: 100-119 High: 120-139 Very high: > or =140	Lower Risk: <0.6 Average Risk: 0.6-0.8 Higher Risk: >0.8

Specimen Requirements:

Preferred:	Serum gel
Acceptable:	Red top
Specimen Volume:	1 mL
Collection Instructions:	Centrifuge and aliquot 1 mL of serum.
Minimum Volume:	0.5 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	8 days
	Ambient	24 hours
	Frozen	60 Days

Cautions:

In very rare cases, gammopathy, in particular type IgM (Waldenstrom macroglobulinemia), may cause unreliable results.

CPT Code:

82172 x 2

Day(s) Setup:

APOA1: Monday through Sunday; Continuously
APOLB: Monday through Saturday, Continuously

Analytic Time:

1 day

Questions

Contact Suha Andrea, Laboratory Technologist Resource Coordinator at 800-533-1710.