MAYO CLINIC LABORATORIES

Test Definition: APOAB

Apolipoprotein A1 and B, Serum

Reporting Title: Apolipoprotein A1 and B, S
Performing Location: Rochester

Specimen Requirements:

Collection Container/Tube:
Preferred: Serum gel
Acceptable: Red top
Submission Container/Tube: Plastic vial
Specimen Volume: 1 mL
Collection Instructions: Centrifuge and aliquot 1 mL of serum.

Specimen Minimum Volume:

0.5 mL

Forms:

If not ordering electronically, complete, print, and send a Cardiovascular Test Request Form (T724) with the specimen.

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
RBAA1	Apolipoprotein B/A1 ratio	Numeric		1874-7
APOA1	Apolipoprotein A1, S **Also used by tests: APOA1**	Numeric	mg/dL	1869-7
APOLB	Apolipoprotein B, S **Also used by tests: APOLB**	Numeric	mg/dL	1884-6

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Test Definition: APOAB

Apolipoprotein A1 and B, Serum

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
RBAA1	Apolipoprotein B/A1 ratio			Yes	No
APOA1	Apolipoprotein A1, S			Yes	Yes
APOLB	Apolipoprotein B, S			Yes	Yes

CPT Code Information:

82172 x 2

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: Borderline low: 115-120 Acceptable: >120	Acceptable: Borderline high: 90-109 High: > or =110	<0.8
>18 years	> or =120	Desirable: Above Desirable: 90-99 Borderline high: 100-119 High: 120-139 Very high: > or =140	Â Lower Risk: Average Risk: 0.7-0.9 Higher Risk: >0.9

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: Borderline low: 115-120 Acceptable: >120	Acceptable: Borderline high: 90-109 High: > or =110	<0.8
>18 years	> or =140	Desirable: Above Desirable: 90-99 Borderline high: 100-119 High: 120-139 Very high: > or =140	Â Lower Risk: Average Risk: 0.6-0.8 Higher Risk: >0.8