



# Test Definition: APOAB

Apolipoprotein A1 and B, Serum

**Reporting Title:** Apolipoprotein A1 and B, S

**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus

**Specimen Requirements:**

**Supplies:** Sarstedt Aliquot Tube, 5 mL (T914)

**Collection Container/Tube:**

Preferred: Serum gel

Acceptable: Red top

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 1 mL serum

**Collection Instructions:** Centrifuge and aliquot serum into a plastic vial.

**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	
	Ambient	24 hours	
	Frozen	60 days	

**Result Codes:**

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

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**Components:**

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
RBAA1	Apolipoprotein B/A1 ratio	2	82172	Yes	No
APOA1	Apolipoprotein A1, S	1	82172	Yes	Yes
APOLB	Apolipoprotein B, S	1	82172	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: <115 Borderline low: 115-120 Acceptable: >120	Acceptable: <90 Borderline high: 90-109 High: > or =110	<0.8
> or =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

**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
> or =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