

Reporting Title: Cardiovascular Risk Marker Panel, S**Performing Location:** Rochester**Specimen Requirements:**

Patient Preparation: Fasting is preferred but not required unless directed by the ordering provider.

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 2.5 mL

Collection Instructions: Centrifuge and aliquot serum into plastic vial. Send refrigerated.

Specimen Minimum Volume:

1.25 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)	7 days	
	Frozen	30 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
INTC1	INTC1	Fasting (8 HR or more): <ul style="list-style-type: none">• Yes• No• Unknown	Answer List	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CLDL1	Cholesterol, LDL, Calculated, S	Numeric	mg/dL	13457-7
NHDCH	Cholesterol, Non-HDL, Calculated, S	Numeric	mg/dL	43396-1

Result ID	Reporting Name	Type	Unit	LOINC®
APOLB	Apolipoprotein B, S Also used by tests: APOLB	Numeric	mg/dL	1884-6
HDCH	Cholesterol, HDL, S Also used by tests: HDCH	Numeric	mg/dL	2085-9
CHOL	Cholesterol, Total, S Also used by tests: CHOL	Numeric	mg/dL	2093-3
TRIG	Triglycerides, S Also used by tests: TRIG, TRIG1	Numeric	mg/dL	2571-8
LIPA1	Lipoprotein(a), S Also used by tests: LIPA1	Numeric	nmol/L	43583-4
HSCR1	C-Reactive Protein, High Sens, S Also used by tests: HSCR1	Numeric	mg/L	30522-7
CVINT	Interpretation	Alphanumeric		59462-2
INTC1	Fasting (8 HR or more) Also used by tests: TRIG1	Alphanumeric		87527-8

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:
No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
CLDL1	Cholesterol, LDL, Calculated, S			Yes	No
NHDCH	Cholesterol, Non-HDL, Calculated, S			Yes	No
APOLB	Apolipoprotein B, S			Yes	Yes
HDCH	Cholesterol, HDL, S			Yes	Yes
CHOL	Cholesterol, Total, S			Yes	Yes
TRIG	Triglycerides, S			Yes	Yes
LIPA1	Lipoprotein(a), S			Yes	Yes

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
HSCRCP	C-Reactive Protein, High Sens, S			Yes	Yes
CVINT	Interpretation			Yes	No
INTC1	Fasting (8 HR or more)			Yes	No

CPT Code Information:

80061-Lipid panel (includes: HDL [CPT Code 83718], total cholesterol [CPT Code 82465], and triglycerides [CPT Code 84478])

83695-Lipoprotein (a)

86141-C-reactive protein; high sensitivity (hsCRP)

82172-Apolipoprotein B

Reference Values:

Age	2-17 years	> or =18 years
CALCULATED NON-HDL CHOLESTEROL (mg/dL)	** Acceptable: Borderline High: 120-144 High: > or =145	* Desirable: Above Desirable: 130-159 mg/dL Borderline High: 160-189 mg/dL High: 190-219 mg/dL Very high: > or =220 mg/dL
CALCULATED LDL CHOLESTEROL (mg/dL)	** Acceptable: Borderline High: 110-129 High: > or =130	*** Desirable: Above Desirable: 100-129 Borderline High: 130-159 High: 160-189 Very high: > or =190
HDL CHOLESTEROL (mg/dL)	** Low: Borderline Low: 40-45 Acceptable: > 45	*** Males: > or =40 Females: > or =50 Å
TOTAL CHOLESTEROL (mg/dL)	** Acceptable: Borderline High: 170-199 High: > or =200	* Desirable: < 200 Borderline High: 200 - 239 High: > or = 240
LIPOPROTEIN (a) (nmol/L)	Not established	< 75 nmol/L Values >= 75 nmol/L may suggest increased risk of coronary heart disease.
C-REACTIVE PROTEIN, HIGH SENSITIVITY	* Lower risk: Higher risk: >=2.0 mg/L Acute inflammation: >10.0 mg/L	* Lower risk: Higher risk: >=2.0 mg/L Acute inflammation: >10.0 mg/L
APOLIPOPROTEIN B(mg/dL)	Acceptable: Borderline High: 90-109 High: > or =110	Desirable: Above Desirable: 90-99 Borderline High: 100-119 High: 120-139 Very High: > or =140

Age	2-9 years	10-17 years	> or =18 years
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TRIGLYCERIDES (mg/dL)	** Acceptable: Borderline High: 75-99 High: > or =100	** Acceptable: Borderline High: 90-129 High: > or =130	* Normal: Borderline High: 150-199 High: 200-499 Very High: > or =500
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*National Lipid Association 2014
**Expert Panel on Integrated Guidelines for Cardiovascular Health and Risk Reduction in Children and Adolescents
***National Cholesterol Education Program (NCEP)