

The Importance of Pediatric Lipid Testing



A significant factor in considering lipid assessment in childhood is the accuracy of childhood lipid levels in predicting adult results.¹



Understanding of Lipid Value Results (mg/dL)²

Children & Adolescents:

CATEGORY	ACCEPTABLE	BORDERLINE HIGH	HIGH
TC	<170	170-199	≥200
LDL	<110	110-129	≥130
Non-HDL	<120	120-144	≥145
TG 0-9yrs.	<75	75-99	≥100
TG 10-19yrs.	<90	90-129	≥130
HDL	>45	40-45	<40

Young Adults:

CATEGORY	ACCEPTABLE	BORDERLINE HIGH	HIGH
TC	<190	190-244	≥225
LDL	<120	120-159	≥160
Non-HDL	<150	150-189	≥190
TG	<115	115-149	≥150
HDL	>45	40-45	<40



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Professional Analyzer



Assess your pediatric patients quickly,
with a full lipid panel in as little as 90 seconds

CardioChek® Plus Analyzer with PTS Panels® Test Strips

- CRMLN-certified for cholesterol and HDL cholesterol; meets NCEP guidelines for accuracy and precision
- Small fingerstick (5 µl – 40 µl) blood sample
- Room temperature storage for test strips
- Battery-operated
- CLIA-waived

Measures:

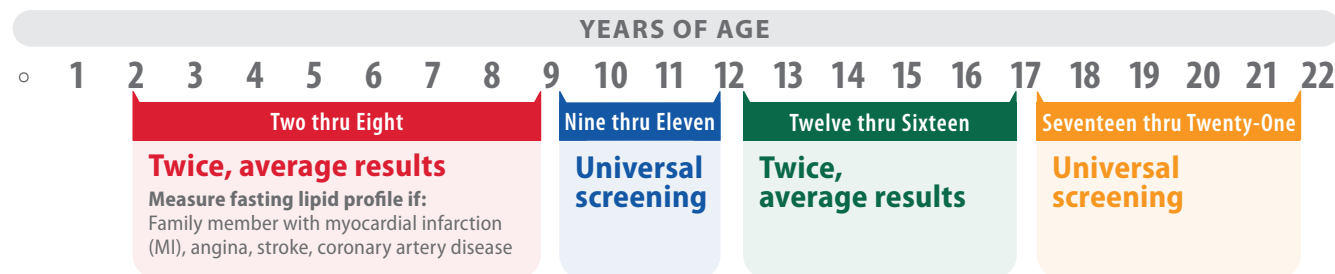
- Total Cholesterol
- HDL Cholesterol
- Triglycerides

Calculates:

- LDL Cholesterol
- TC/HDL Ratio
- LDL/HDL Ratio
- Non-HDL Cholesterol



Age Specific Recommendations for Fasting Lipid Assessment²



References:

1 <https://www.ncbi.nlm.nih.gov/books/NBK395583/>

2 Tables 9-1 and 9-2.

https://www.nhlbi.nih.gov/sites/default/files/media/docs/peds_guidelines_full.pdf

Get Started Today

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