Patient Information	Specimen Information	Client Information

COMMENTS:

Test Name	In Range	Out Of Range	Reference Range	Lab
VLDL CHOLESTEROL				
TRIGLYCERIDES	51		<150 mg/dL	TP
VLDL-CALCULATION				TP
CHOLESTEROL, VERY LOW				
DENSITY LIPOPROTEIN	11		<30 mg/dL (calc)	
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL		**211 H**	<200 mg/dL	TP
HDL CHOLESTEROL	80		> OR = 50 mg/dL	TP
TRIGLYCERIDES	51		<150 mg/dL	TP
LDL-CHOLESTEROL		**117 H**	mg/dL (calc)	TP

    Reference range: <100

    Desirable range <100 mg/dL for primary prevention;
    <70 mg/dL for patients with CHD or diabetic patients
    with > or = 2 CHD risk factors.

    LDL-C is now calculated using the Martin-Hopkins
    calculation, which is a validated novel method providing
    better accuracy than the Friedewald equation in the
    estimation of LDL-C.
    Martin SS et al. JAMA. 2013;310(19): 2061-2068
    (http://education.QuestDiagnostics.com/faq/FAQ164)

Test Name	In Range	Out Of Range	Reference Range	Lab
CHOL/HDLC RATIO	2.6		<5.0 (calc)	TP
NON HDL CHOLESTEROL		**131 H**	<130 mg/dL (calc)	TP

    For patients with diabetes plus 1 major ASCVD risk
    factor, treating to a non-HDL-C goal of <100 mg/dL
    (LDL-C of <70 mg/dL) is considered a therapeutic
    option.

Test Name	In Range	Out Of Range	Reference Range	Lab
HEMOGLOBIN A1c	5.1		<5.7 % of total Hgb	TP

    For the purpose of screening for the presence of
    diabetes:

    <5.7%   Consistent with the absence of diabetes
    5.7-6.4%   Consistent with increased risk for diabetes
             (prediabetes)
    > or =6.5% Consistent with diabetes

    This assay result is consistent with a decreased risk
    of diabetes.

    Currently, no consensus exists regarding use of
    hemoglobin A1c for diagnosis of diabetes in children.

    According to American Diabetes Association (ADA)
    guidelines, hemoglobin A1c <7.0% represents optimal
    control in non-pregnant diabetic patients. Different
    metrics may apply to specific patient populations.
    Standards of Medical Care in Diabetes(ADA).

PERFORMING SITE:

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