



Patient Information	Specimen Information	Client Information
<b>017C2, AH</b>  <b>DOB: 12/05/2020    AGE: 13M</b> Gender: M Phone: NG Patient ID: 017C2	Specimen: WC256489D Requisition: 0000216  Collected: 01/04/2022 Received: 01/11/2022 / 14:47 EST Reported: 01/12/2022 / 13:47 EST	Client #: 11118385    CA000159 JOSLIN LESSARD RSCH Attn: SARAH LESSARD 1 JOSLIN PL BOSTON, MA 02215-5306

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL, STANDARD				
<b>CHOLESTEROL, TOTAL</b>		<b>199 H</b>	<170 mg/dL	NL1
HDL CHOLESTEROL	56		>45 mg/dL	NL1
<b>TRIGLYCERIDES</b>		<b>205 H</b>	<75 mg/dL	NL1

If a non-fasting specimen was collected, consider repeat triglyceride testing on a fasting specimen if clinically indicated.  
Jacobson et al. J. of Clin. Lipidol. 2015;9:129-169.

<b>LDL-CHOLESTEROL</b>		<b>111 H</b>	<110 mg/dL (calc)	NL1
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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>)

CHOL/HDL-C RATIO	3.6		<5.0 (calc)	NL1
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<b>NON HDL CHOLESTEROL</b>		<b>143 H</b>	<120 mg/dL (calc)	NL1
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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.

<b>GLUCOSE</b>		<b>107 H</b>	65-99 mg/dL	NL1
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Fasting reference interval

For someone without known diabetes, a glucose value between 100 and 125 mg/dL is consistent with prediabetes and should be confirmed with a follow-up test.

C-REACTIVE PROTEIN	5.4		<8.0 mg/L	NL1
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<b>INSULIN</b>		<b>113.6 H</b>	uIU/mL	NL1
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Reference Range < or = 19.6

Risk:  
Optimal < or = 19.6  
Moderate NA  
High >19.6

Adult cardiovascular event risk category cut points (optimal, moderate, high) are based on Quest Diagnostics population data from 12/2011.

This insulin assay shows strong cross-reactivity for some insulin analogs (lispro, aspart, and glargine) and much lower cross-reactivity with others (detemir, glulisine).

# PERFORMING SITE:

NL1 QUEST DIAGNOSTICS LLC, 200 FOREST STREET 3RD FLOOR,SUITE B, MARLBOROUGH, MA 01752-3023 Laboratory Director: SALIM E KABAWAT,MD, CLIA: 22D0076229



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## LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:

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