



Patient Information	Specimen Information	Client Information
<b>029A2, ESR</b>  <b>DOB: 01/23/2021    AGE: 11M</b> Gender: M Phone: NG Patient ID: 029A2	Specimen: WC420444D Requisition: 0000231  Collected: 01/13/2022 Received: 01/14/2022 / 07:00 EST Reported: 01/14/2022 / 21:31 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				
CHOLESTEROL, TOTAL	134		<170 mg/dL	NL1
<b>HDL CHOLESTEROL</b>		<b>38 L</b>	>45 mg/dL	NL1
TRIGLYCERIDES	46		<75 mg/dL	NL1
LDL-CHOLESTEROL	83		<110 mg/dL (calc)	NL1

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	3.5		<5.0 (calc)	NL1
NON HDL CHOLESTEROL	96		<120 mg/dL (calc)	NL1

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.

GLUCOSE	78		65-99 mg/dL	NL1
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Fasting reference interval

<b>C-REACTIVE PROTEIN</b>		<b>9.5 H</b>	<8.0 mg/L	NL1
<b>INSULIN</b>		<b>38.2 H</b>	uIU/mL	NL1

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

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

<b>HDL CHOLESTEROL</b>	<b>38 L</b>	>45 mg/dL	NL1
<b>C-REACTIVE PROTEIN</b>	<b>9.5 H</b>	<8.0 mg/L	NL1
<b>INSULIN</b>	<b>38.2 H</b>	uIU/mL	NL1

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