



In-Common Laboratories
Head Office: 57 Gervais Drive
North York, Ontario M3C 1Z2
(416) 422-3000
Toll Free: (888) 285-7817
www.ICLabs.ca

ICL-QC
57 Gervais Drive
North York, ON M3C 1Z2
Canada

Patient Name
**TEST, BANANA
REPUBLIC**

Sex
M

Date of Birth (mm/dd/yyyy)
10/15/1975

Client's File No.

Order ID
121131

Health Number
1234567890AX

Report Printed
05/13/2021 10:24AM

ICL Login Date (mm/dd/yyyy)
05/11/2021 1:56PM

Authorized Requester
ICL, ICL

Cardio IQ Apolipoprotein A1, B, B/A1 ratio, Serum

Sample ID: QST21051100001

Final - Approved 05/12/2021 5:08PM

Collection Date (mm/dd/yyyy)
05/10/2021 1:56PM

Order Choice Testing performed at: EZ, Quest Diagnostics/Nichols SJC-San Juan Capistrano,, 33608
Comments: Ortega Hwy, San Juan Capistrano, CA, 92675-2042, Laboratory Director: Irina Maramica
MD, PhD, MBA

TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
APOLIPOPROTEIN A1	136			mg/dL	EZ
Reference Range: > or = 115					
Risk Category:					
Optimal > or = 115					
High <115					
Cardiovascular event risk category cut points (optimal, high) are based on the AMORIS study, Walldius G et al. J Intern Med. 2004;255:188-205.					
APOLIPOPROTEIN B	124	H		mg/dL	EZ
Reference Range: <90					
Risk Category:					
Optimal <90					
Moderate 90-119					
High > or = 120					
Cardiovascular event risk category cut points (optimal, moderate, high) are based on National Lipid Association recommendations - Jacobson TA et al. J of Clin Lipid. 2015;9:129-169 and Jellinger PS et al. Endocr Pract. 2017;23(Suppl 2):1-87.					
APOLIPOPROTEIN B/A1 RATIO	0.91	H			EZ

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TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
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Reference Range: <0.77

Risk Category:

Optimal <0.77

Moderate 0.77-0.95

High >0.95

Cardiovascular event risk category cut points (optimal, moderate, high) are based on the AMORIS study, Walldius G et al. J Intern Med. 2004;255:188-205.

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**Cardio IQ® Lipoprotein Fractionation, Ion Mobility,
Serum**

Sample ID: QST21051100001

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TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
LDL PARTICLE NUMBER	1377	H	<1138	nmol/L	EZ
Risk: Optimal <1138; Moderate 1138-1409; High >1409					
LDL SMALL	229	H	<142	nmol/L	EZ
Risk: Optimal <142; Moderate 142-219; High >219					
LDL MEDIUM	385	H	<215	nmol/L	EZ
Risk: Optimal <215; Moderate 215-301; High >301					
HDL LARGE	7803		>6729	nmol/L	EZ
Risk: Optimal >6729; Moderate 6729-5353; High <5353					
LDL PATTERN	B	A	A	Pattern	EZ
Risk: Optimal Pattern A; High Pattern B					
LDL PEAK SIZE	216.8	L	>222.9	Angstrom	EZ

**Cardio IQ® Lipoprotein Fractionation, Ion Mobility,
Serum**

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**Cardio IQ® Lipoprotein Fractionation, Ion Mobility,
Serum**

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TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
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Risk: Optimal >222.9; Moderate 222.9-217.4; High <217.4

Adult cardiovascular event risk category cut points (optimal, moderate, high) are based on an adult U.S. reference population plus two large cohort study populations. Association between lipoprotein subfractions and cardiovascular events is based on Musunuru et al. ATVB. 2009;29:1975.

For additional information, please refer to <http://education.QuestDiagnostics.com/faq/FAQ134>
(This link is being provided for informational/educational purposes only.)

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Cardio IQ® Cholesterol, Total, Serum

Sample ID: QST21051100001

Final - Approved 05/12/2021 5:08PM

Collection Date (mm/dd/yyyy)
05/10/2021 1:56PM

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TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
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CHOLESTEROL, TOTAL	185		<200	mg/dL	EZ
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05/11/2021 1:56PM

Authorized Requester
ICL, ICL

Cardio IQ® Triglycerides, Serum

Sample ID: QST21051100001

Final - Approved 05/12/2021 5:08PM

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Comments: Ortega Hwy, San Juan Capistrano, CA, 92675-2042, Laboratory Director: Irina Maramica
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TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
TRIGLYCERIDES	155	H	<150	mg/dL	EZ

Cardio IQ® HDL Cholesterol, Serum

Sample ID: QST21051100001

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TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
HDL CHOLESTEROL	179		> OR = 40	mg/dL	EZ

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Current Page Number: 5

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Authorized Requester

ICL, ICL**hs-CRP, Serum**

Sample ID: QST21051100001

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05/10/2021 1:56PM

Order Choice Testing performed at: EN, Quest Diagnostics-West Hills, 8401 Fallbrook Ave, West
Comments: Hills, CA, 91304-3226, Laboratory Director: Tab Toochinda MD

TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
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HS CRP	<0.3			mg/L	EN
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Reference Range

Optimal <1.0

Jellinger PS et al. Endocr Pract.2017;23(Suppl 2):1-87.

For ages >17 Years:

hs-CRP mg/L Risk According to AHA/CDC Guidelines

<1.0 Lower relative cardiovascular risk.

1.0-3.0 Average relative cardiovascular risk.

3.1-10.0 Higher relative cardiovascular risk.

Consider retesting in 1 to 2 weeks to

exclude a benign transient elevation

in the baseline CRP value secondary

to infection or inflammation.

>10.0 Persistent elevation, upon retesting,

may be associated with infection and

inflammation.

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05/11/2021 1:56PM

Authorized Requester

ICL, ICL**Insulin, Serum**

Sample ID: QST21051100001

Final - Approved 05/12/2021 5:08PM

Collection Date (mm/dd/yyyy)
05/10/2021 1:56PM

Order Choice Testing performed at: EN, Quest Diagnostics-West Hills, 8401 Fallbrook Ave, West
Comments: Hills, CA, 91304-3226, Laboratory Director: Tab Toochinda MD

TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
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INSULIN	102.1	H		uIU/mL	EN
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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).

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Authorized Requester

ICL, ICL

Homocysteine, Serum

Sample ID: QST21051100001

Final - Approved 05/12/2021 5:08PM

Collection Date (mm/dd/yyyy)
05/10/2021 1:56PM

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TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
HOMOCYSTEINE	>500.0	H	<11.4	umol/L	EN

Homocysteine is increased by functional deficiency of folate or vitamin B12. Testing for methylmalonic acid differentiates between these deficiencies. Other causes of increased homocysteine include renal failure, folate antagonists such as methotrexate and phenytoin, and exposure to nitrous oxide.
Selhub J, et al., Ann Intern Med. 1999;131(5):331-9.

Reporting Laboratories:

(1) Quest, ,

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