

# LabCorp

Laboratory Corporation of America

Specimen Number	Patient ID	Control Number	Account Number	Account Phone #
Patient Last Name CardioRisk			Account Address	
Patient First Name Ima		Patient Middle Name		
BLT System				
18140 Zane St NW #303				
Elk River, MN 55330				
Patient SS#	Patient Phone	Total Volume		
Age (Y/M/D) 80 / 11 / 23	Date of Birth 05 / 17 / 1935	Sex F	Fasting Yes	
Patient Address			Additional Information	
Date & Time Collected 05/10/2016 11:14:00 AM	Date Entered 05/10/2016	Date & Time Reported 05/14/2016 04:11:00 PM	Physician Name LARSON, J	NPI 1285642975
Physician ID				

Tests Ordered

CMP14+LP+TP+TSH+5AC+CBC/D/P...; Microscopic Examination; Sedimentation Rate-Westergren; Send to PSC;

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Glucose, Serum	109	Above Normal High	mg/dL	65-99	DV
Hemoglobin A1c	5.7	Above Normal High	%	4.8-5.6	DV
Pre-diabetes: 5.7 - 6.4					
Diabetes: >6.4					
Glycemic control for adults with diabetes: <7.0					
Uric Acid, Serum	5.9		mg/dL	2.5-7.1	DV
Therapeutic target for gout patients: <6.0					
BUN	22		mg/dL	8-27	DV
Creatinine, Serum	0.71		mg/dL	0.57-1.00	DV
eGFR If NonAfrican Am	81		mL/min/1.73	>59	DV
eGFR If African Am	93		mL/min/1.73	>59	DV
BUN/Creatinine Ratio	31	Above Normal High		11-26	DV
Sodium, Serum	144		mmol/L	134-144	DV
Potassium, Serum	3.6		mmol/L	3.5-5.2	DV
Chloride, Serum	99		mmol/L	97-108	DV
Carbon Dioxide, Total	26		mmol/L	18-28	DV
Calcium, Serum	9.4		mg/dL	8.7-10.3	DV
Phosphorus, Serum	4.1		mg/dL	2.5-4.5	DV
Magnesium, Serum	1.9		mg/dL	1.6-2.3	DV
Protein, Total, Serum	6.9		g/dL	6.0-8.5	DV

FINAL REPORT

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TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Albumin, Serum	4.0		g/dL	3.5-4.7	DV
Globulin, Total	2.9		g/dL	1.5-4.5	DV
A/G Ratio	1.4			1.1-2.5	DV
Bilirubin, Total	0.9		mg/dL	0.0-1.2	DV
Alkaline Phosphatase, S	85		IU/L	39-117	DV
LDH	169		IU/L	119-226	DV
AST (SGOT)	16		IU/L	0-40	DV
ALT (SGPT)	10		IU/L	0-32	DV
GGT	19		IU/L	0-60	DV
Iron Bind.Cap.(TIBC)	317		ug/dL	250-450	DV
UIBC	223		ug/dL	118-369	DV
Iron, Serum	94		ug/dL	27-139	DV
Iron Saturation	30		%	15-55	DV
Ferritin, Serum	78		ng/mL	15-150	DV
Cholesterol, Total	218	Above Normal High	mg/dL	100-199	DV
Triglycerides	107		mg/dL	0-149	DV
HDL Cholesterol	67		mg/dL	>39	DV

According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.

VLDLCholesterolCalc	21		mg/dL	5-40	DV
LDLCholesterolCalc	130	Above Normal High	mg/dL	0-99	DV

Comment: Procedure cannot be done, Result canceled due to Non-Performance DV

T. Chol/HDL Ratio	3.3		ratio units	0.0-4.4	DV
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T. Chol/HDL Ratio  
Men W omen  
1/2 Avg. Risk 3.4 3.3  
Avg. Risk 5.0 4.4  
2X Avg. Risk 9.6 7.1  
3X Avg. Risk 23.4 11.0

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TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
C-Reactive Protein, Cardiac	1.76		mg/L	0.00-3.00	DV
Relative Risk for Future Cardiovascular Event					
	Low	<1.00			
	Average	1.00 - 3.00			
	High	>3.00			
Homocyst(e)ine, Plasma	14.3		umol/L	0.0-15.0	DV
TSH	2.490		uIU/mL	0.450-4.500	DV
Thyroxine (T4)	6.6		ug/dL	4.5-12.0	DV
T3 Uptake	26		%	24-39	DV
Free Thyroxine Index	1.7			1.2-4.9	DV
Triiodothyronine (T3)	103		ng/dL	71-180	DV
Triiodothyronine, Free, Serum	2.5		pg/mL	2.0-4.4	DV
Reverse T3, Serum	17.9		ng/dL	9.2-24.1	BN
T4, Free (Direct)	1.09		ng/dL	0.82-1.77	DV
Thyroid Peroxidase (TPO) Ab	218	Above Normal High	IU/mL	0-34	DA
Thyroglobulin Antibody	1.7	Above Normal High	IU/mL	0.0-0.9	DA
Thyroglobulin Antibody measured by Beckman Coulter Methodology					
Vitamin D, 25-Hydroxy	32.3		ng/mL	30.0-100.0	DV

Vitamin D deficiency has been defined by the Institute of Medicine and an Endocrine Society practice guideline as a level of serum 25-OH vitamin D less than 20 ng/mL (1,2). The Endocrine Society went on to further define vitamin D insufficiency as a level between 21 and 29 ng/mL (2).

1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press.

2. Holick MF, Binkley NC, Bischoff-Ferrari HA, et al. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society clinical practice guideline. JCEM. 2011 Jul; 96(7):1911-30.

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		05/10/2016 11:14:00 AM	05/14/2016	F	80 / 11 / 23	05 / 17 / 1935
TESTS	RESULT	FLAG	UNITS	REFERENCE	INTERVAL	LAB
Fibrinogen Activity	449		mg/dL		193-507	DV
WBC	8.9		x10E3/uL		3.4-10.8	DV
RBC	4.95		x10E6/uL		3.77-5.28	DV
Hemoglobin	15.2		g/dL		11.1-15.9	DV
Hematocrit	45.1		%		34.0-46.6	DV
MCV	91		fL		79-97	DV
MCH	30.7		pg		26.6-33.0	DV
MCHC	33.7		g/dL		31.5-35.7	DV
RDW	13.2		%		12.3-15.4	DV
Platelets	294		x10E3/uL		150-379	DV
Neutrophils	53		%			DV
Lymphs	38		%			DV
Monocytes	7		%			DV
Eos	2		%			DV
Basos	0		%			DV
Immature Cells	Procedure cannot be done, Result canceled due to Non-Performance					DV
Neutrophils (Absolute)	4.7		x10E3/uL		1.4-7.0	DV
Lymphs (Absolute)	3.4	Above Normal High	x10E3/uL		0.7-3.1	DV
Monocytes (Absolute)	0.6		x10E3/uL		0.1-0.9	DV
Eos (Absolute)	0.2		x10E3/uL		0.0-0.4	DV
Baso (Absolute)	0.0		x10E3/uL		0.0-0.2	DV
Immature Granulocytes	0		%			DV
Immature Grans (Abs)	0.0		x10E3/uL		0.0-0.1	DV
NRBC	Procedure cannot be done, Result canceled due to Non-Performance					DV
Hematology Comments:	Procedure cannot be done, Result canceled due to Non-Performance					DV
Specific Gravity	1.016				1.005-1.030	DV
pH	5.5				5.0-7.5	DV

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TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB	
Urine-Color	Yellow			Yellow	DV	
Appearance	Cloudy	Abnormal applies to non-numeric results		Clear	DV	
WBC Esterase	1+	Abnormal applies to non-numeric results		Negative	DV	
Protein	Negative			Negative/Trace	DV	
Glucose	Negative			Negative	DV	
Glucose Reflex	Procedure cannot be done, Result canceled due to Non-Performance				DV	
Ketones	Negative			Negative	DV	
Occult Blood	Negative			Negative	DV	
Bilirubin	Negative			Negative	DV	
Urobilinogen, Semi-Qn	0.2		mg/dL	0.2-1.0	DV	
Nitrite, Urine	Negative			Negative	DV	
Microscopic Examination	See below:				DV	
Microscopic was indicated and was performed.						
WBC	0-5		/hpf	0 - 5	DV	
RBC	0-2		/hpf	0 - 2	DV	
Epithelial Cells (non renal)	0-10		/hpf	0 - 10	DV	
Epithelial Cells (renal)	Procedure cannot be done, Result canceled due to Non-Performance				DV	
Casts	Present	Abnormal applies to non-numeric results	/lpf	None seen	DV	
Cast Type	Hyaline casts			N/A	DV	
Crystals	Procedure cannot be done, Result canceled due to Non-Performance				DV	
Crystal Type	Procedure cannot be done, Result canceled due to Non-Performance				DV	
Mucus Threads	Present			Not Estab.	DV	
Bacteria	Few			None seen/Few	DV	
Yeast	Procedure cannot be done, Result canceled				DV	

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TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
	due to Non-Performance				
Trichomonas	Procedure cannot be done, Result canceled due to Non-Performance				DV
Comment	Procedure cannot be done, Result canceled due to Non-Performance				DV
Sedimentation Rate-Westergren	4		mm/hr	0-40	DV
Send to PSC					DV
Performed					

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