

08/06/2009 8:18:23 AM FROM: ABCORP LCLS BLK TO: 2017917337 ABCORP LCLS BLK Page 1 of 8 A
 TO: ATTN:Aleksandr Martirosov DO



LabCorp Raritan
 69 First Avenue
 Raritan, NJ 08869-1800

Phone: 800-631-5250

Specimen Number: 209-425-2761-0		Patient ID		Control Number 10077920824	Account Number 29152240	Account Phone Number 201-791-7771	Route NQ
Patient Last Name XXXXXXXXXX				Account Address Aleksandr Martirosov DO			
Patient First Name MICHAEL		Patient Middle Name G		81 80 1st Parkway			
Patient SS#		Patient Phone 873 222 1193		111 111 111 07410			
Age (Y/M/D) 37/04/20	Date of Birth 03/08/72	Sex M	Fasting Yes				
Patient Address 95 MARY AVE WEST PATERSON NJ 07424				Additional Information CONTINUE ORDER UPIN: 665075			
Date and Time Collected 07/28/09 07:24	Date Entered 07/28/09	Date and Time Reported 08/06/09 08:17ET	Physician Name MARTIROSOV, A	NPI 1700931185	Physician ID		
<p>Tests Ordered</p> <p>VAP Cholesterol Profile; CBC With Differential/Platelet; Comp. Metabolic Panel (14); Hepatic Function Panel (7); Iron and TIBC; Hemoglobin, Free, Plasma; Folate (Folic Acid), Serum; Thyroxine (T4) Free, Direct, S; Lipoprotein (a); C-Reactive Protein, Cardiac; IGF-BP3; Homocyst(e)line, Plasma; Vitamin E, Serum; Vitamin D, 25-Hydroxy; Nicotinic Acid (B-3); Hemoglobin A1c; TSH; Phosphorus, Serum; Thyroxine (T4); Triiodothyronine (T3); Magnesium, Serum; Thyroid Peroxidase (TPO) Ab; Antithyroglobulin Ab; Triiodothyronine, Free, Serum; Vitamin B12; Ferritin, Serum; Copper, Serum; Fibrinogen Activity; Zinc, Plasma or Serum; Insulin; Selenium, Serum/Plasma; Transferrin; Reverse T3; Vitamin A, Serum; Iodide, Serum or Plasma</p>							
<p>General Comments</p> <p>A courtesy copy of this report has been sent to the patient.</p>							

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
VAP Cholesterol Profile					
Lipids					
LDL Cholesterol	163	High	mg/dL	<130	01
HDL Cholesterol	40		mg/dL	>=40	01
VLDL Cholesterol	23		mg/dL	<30	01
Cholesterol, Total	226	High	mg/dL	<200	01
Triglycerides	117		mg/dL	<150	01
Non HDL Chol. (LDL+VLDL)	185	High	mg/dL	<160	01
apoB100-calc	120	High	mg/dL	<109	01
LDL-R (Real)-C	143	High	mg/dL	<100	01
Lp(a) Cholesterol	7.0		mg/dL	<10	01
IDL Cholesterol	13		mg/dL	<20	01
Remnant Lipo. (IDL+VLDL3)	26		mg/dL	<30	01
Clinical Consideration					
Probable Metabolic Syndrome	No			No	01
Sub-Class Information					
HDL-2 (Most Protective)	9	Low	mg/dL	>10	01
HDL-3 (Less Protective)	31		mg/dL	>30	01
VLDL-3 (Small Remnant)	13	High	mg/dL	<10	01
LDL1 Pattern A	17.8		mg/dL		01
LDL2 Pattern A	54.7		mg/dL		01
LDL3 Pattern B	70.4		mg/dL		01
LDL4 Pattern B	0.0		mg/dL		01
LDL Density Pattern	A			A	01

~~XXXXXXXXXX~~, MICHAEL G | 209-425-2761-0 | Seq # 0034

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Patient Name					Specimen Number		
MICHAEL G					209-425-2761-0		
Account Number	Patient ID	Control Number	Date and Time Collected	Date Reported	Sex	Age(Y/M/D)	Date of Birth
29152240		10077920824	07/28/09 07:24	08/06/09	M	37/04/20	03/08/72

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
	Pattern B	Pattern		Pattern A	
	Small, Dense LDL	A/B		Large Buoyant LDL	
CBC With Differential/Platelet					
WBC	5.7		x10E3/uL	4.0 - 10.5	02
RBC	6.47	High	x10E6/uL	4.10 - 5.60	02
Hemoglobin	17.6	High	g/dL	12.5 - 17.0	02
Hematocrit	53.0	High	%	36.0 - 50.0	02
MCV	82		fL	80 - 98	02
MCH	27.2		pg	27.0 - 34.0	02
MCHC	33.2		g/dL	32.0 - 36.0	02
RDW	15.5	High	%	11.7 - 15.0	02
Platelets	172		x10E3/uL	140 - 415	02
Neutrophils	62		%	40 - 74	02
Lymphs	28		%	14 - 46	02
Monocytes	8		%	4 - 13	02
Eos	1		%	0 - 7	02
Basos	1		%	0 - 3	02
Neutrophils (Absolute)	3.5		x10E3/uL	1.8 - 7.8	02
Lymphs (Absolute)	1.6		x10E3/uL	0.7 - 4.5	02
Monocytes (Absolute)	0.5		x10E3/uL	0.1 - 1.0	02
Eos (Absolute)	0.1		x10E3/uL	0.0 - 0.4	02
Baso (Absolute)	0.1		x10E3/uL	0.0 - 0.2	02
Comp. Metabolic Panel (14)					
Glucose, Serum	93		mg/dL	65 - 99	02
BUN	18		mg/dL	5 - 26	02
Creatinine, Serum	1.10		mg/dL	0.76 - 1.27	02
eGFR	>59		mL/min/1.73	>59	
eGFR AfricanAmerican	>59		mL/min/1.73	>59	
Note: Persistent reduction for 3 months or more in an eGFR <60 mL/min/1.73 m2 defines CKD. Patients with eGFR values >/=60 mL/min/1.73 m2 may also have CKD if evidence of persistent proteinuria is present. Additional information may be found at www.kdoqi.org .					
BUN/Creatinine Ratio	16			8 - 27	
Sodium, Serum	141		mmol/L	135 - 145	02
Potassium, Serum	4.4		mmol/L	3.5 - 5.2	02
Chloride, Serum	101		mmol/L	97 - 108	02
Carbon Dioxide, Total	27		mmol/L	20 - 32	02
Calcium, Serum	9.8		mg/dL	8.5 - 10.6	02
Protein, Total, Serum	7.3		g/dL	6.0 - 8.5	02
Albumin, Serum	4.6		g/dL	3.5 - 5.5	02
Globulin, Total	2.7		g/dL	1.5 - 4.5	
A/G Ratio	1.7			1.1 - 2.5	
Bilirubin, Total	0.7		mg/dL	0.1 - 1.2	02
Alkaline Phosphatase, S	77		IU/L	25 - 150	02
AST (SGOT)	30		IU/L	0 - 40	02

MICHAEL G	209-425-2761-0	Seq# 0034
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Page 2 of 5

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Page 3 of 8 A

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Patient Name					Specimen Number		
MICHAEL G					209-425-2761-0		
Account Number	Patient ID	Control Number	Date and Time Collected	Date Reported	Sex	Age(Y/M/D)	Date of Birth
29152240		10077920824	07/28/09 07:24	08/06/09	M	37/04/20	03/08/72
TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAE		
ALT (SGPT)	50		IU/L	0 - 55	02		
Hepatic Function Panel (7)							
Bilirubin, Direct	0.18		mg/dL	0.00 - 0.40	02		
Iron and TIBC							
Iron Bind.Cap. (TIBC)	339		ug/dL	250 - 450			
UTBC	222		ug/dL	150 - 375	02		
Iron, Serum	117		ug/dL	40 - 155	02		
Iron Saturation	35		%	15 - 55			
Hemoglobin, Free, Plasma	24.9	High	mg/dL	0.0 - 4.9	03		
Values obtained between 5-15 mg/dL should be interpreted with caution since such variables as sub-optimal venipuncture may increase results to this range.							
Folate (Folic Acid), Serum	16.1		ng/mL	>5.4	02		
Indeterminate: 3.4 - 5.4 Deficient: <3.4							
Thyroxine (T4) Free, Direct, S							
T4, Free (Direct)	1.16		ng/dL	0.61 - 1.76	02		
Lipoprotein (a)	1		mg/dL	0 - 30	02		
Desirable: <20 Borderline high risk: 20 - 30 High risk: 31 - 50 Very high risk: >50							

Note: Values >30 may indicate independent risk factor for CHD. Significance of high Lp(a) in non-white populations must be evaluated with caution.

C-Reactive Protein, Cardiac	5.57	High	mg/L	0.00 - 3.00	02		
Relative Risk for Future Cardiovascular Event							
Low <1.00							
Average 1.00 - 3.00							
High >3.00							
IGF-1BP3	5.0		mg/L	3.4 - 6.7	02		
Homocyst(e)ine, Plasma	6.5		umol/L	0.0 - 15.0	02		
Vitamin E, Serum							
Vitamin E (Alpha Tocopherol)	14.4		mg/L	3.0 - 15.8	03		
Vitamin D, 25-Hydroxy	23.8	Low	ng/mL	32.0 - 100.0	02		
Recent studies consider the lower limit of 32.0 ng/mL to be a threshold for optimal health. Hollis BW. J Nutr. 2005 Feb;135(2):317-22.							

MICHAEL G	209-425-2761-0	Seq# 0034
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Page 3 of 5

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69 First Avenue
Raritan, NJ 08869-1800

Phone: 800-631-5250

Patient Name MICHAEL G					Specimen Number 209-425-2761-0		
Account Number 29152240	Patient ID	Control Number 10077920824	Date and Time Collected 07/28/09 07:24	Date Reported 08/06/09	Sex M	Age(Y/M/D) 37/04/20	Date of Birth 03/08/72

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
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Nicotinic Acid (B-3) 2.85 ug/mL 0.50-8.45 04

Nicotinic Acid
Adult Reference Range
>or = 10 years
Normal 0.50 - 8.45
Low < 0.50
High > 8.45
Pediatric Reference Range
<10 Years
Normal 0.50 - 8.91
Low < 0.50
High > 8.91

The performance characteristics of the listed assay was validated by Cambridge Biomedical Inc. The US FDA has not approved or cleared this test. The results of these assay can be used for clinical diagnosis without FDA approval. Cambridge Biomedical is a CLIA certified, CAP accredited laboratory for performing high complexity assays such as this one.

Hemoglobin A1c 5.8 % <7.0 02

Diabetic Adult <7.0
Healthy Adult 4.8 - 5.9
(DCCT/NGSP)

American Diabetes Association's Summary of Glycemic Recommendations for Adults with Diabetes:
Hemoglobin A1c <7.0%. More stringent glycemic goals (A1c <6.0%) may further reduce complications at the cost of increased risk of hypoglycemia.

TSH	0.876		uIU/mL	0.450 - 4.500	02
Phosphorus, Serum	3.3		mg/dL	2.5 - 4.5	02
Thyroxine (T4)	8.1		ug/dL	4.5 - 12.0	02
Triiodothyronine (T3)	129		ng/dL	85 - 205	02
Magnesium, Serum	2.4		mg/dL	1.6 - 2.6	02
Thyroid Peroxidase (TPO) Ab	<10		IU/mL	0 - 34	02
Antithyroglobulin Ab Siemens (DPC) ICMA Methodology	<20		IU/mL	0 - 40	02
Triiodothyronine, Free, Serum	3.4		pg/mL	2.3 - 4.2	02

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Page 4 of 5

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Page 5 of 8 A

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69 First Avenue
Raritan, NJ 08869-1800

Phone: 800-631-5250

Patient Name XXXXXXXXXX						Specimen Number 209-425-2761-0		
Account Number 29152240	Patient ID	Control Number 10077920824	Date and Time Collected 07/28/09 07:24	Date Reported 08/06/09	Sex M	Age(Y/M/D) 37/04/20	Date of Birth 03/08/72	

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Vitamin B12	393		pg/mL	211 - 911	02
Ferritin, Serum	137		ng/mL	22 - 322	02
Copper, Serum	104		ug/dL	70 - 155 Detection Limit = 5	03
Fibrinogen Activity	348		mg/dL	193 - 423	02
Zinc, Plasma or Serum	210	High	ug/dL	70 - 150	03
Verified by repeat analysis					
				Detection Limit = 5	
Insulin	13.8		uIU/mL	0.0 - 29.1	02
Selenium, Serum/Plasma	130		ug/L	79 - 326 Detection Limit = 10	03
Transferrin	310		mg/dL	200 - 370	02
Reverse T3	383	High	pg/mL	90 - 350	03
Vitamin A, Serum	95	High	ug/dL	30 - 90	03
Iodide, Serum or Plasma		None Detected	mcg/mL		05

Reporting Limit: 1.0 mcg/mL

Usually less than 1 mcg/mL.

Analysis by Ion Chromatography (IC)

01	ZU	Atherotech Inc 201 London Parkway Suite 400, Birmingham, AL 35211	Dir: Krishnaji Kulkarni, PhD
02	RN	LabCorp Raritan 69 First Avenue, Raritan, NJ 08869-1800	Dir: Michael Mahoney, MD
03	BN	LabCorp Burlington 1447 York Court, Burlington, NC 27215-3361	Dir: William F Hancock, MD
04	B-	Cambridge Biomedical Research 1320 Soldiers Field Road, Brighton, MA 02135	Dir: Richard Tilton, PhD
05	NM	National Medical Services 3701 Welsh Road, Willow Grove, PA 19080	Dir: Robert Middleberg, PhD

For inquiries, the physician may contact Branch: 800-223-0631 Lab: 800-631-5250

XXXXXXXXXX , MICHAEL G	209-425-2761-0	Seq # 0034
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Page 5 of 5

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 TO: ATTN:Aleksandr Martirosov DO



LabCorp Raritan
 09 First Avenue
 Raritan, NJ 08869-1800

Phone: 800-762-4344

Specialist Number 209-425-4300-0		Patient ID	Control Number 10071520881	Account Number 20152240	Account Phone Number 201-791-7771	Route NO
Patient Last Name XXXXXXXXXX			Account Address Aleksandr Martirosov DO			
Patient First Name MICHAEL	Patient Middle Name G		31-00 Broadway FAIR LAWN NJ 07410			
Patient SS#	Female Initial XXXXXXXXXX	Test Volume		Additional Information CONTINUE ORDER UPIN: 665075		
Age (Y/M/D) 37/04/20	Date of Birth XXXXXXXXXX	Sex M	Fasting Yes	Patient Address 05 MARY AVE WEST PATERSON NJ 07424		
Date and Time Collected 07/28/09 07:41	Date Received 07/28/09	Date and Time Reported 08/06/09 08:17ET	Physician Name MARTIROSO, A	NPI 1700231182	Physician ID	
<p>Test Ordered Corticosteroid Bind.Glob(CBG); Pregnenolone, MS; Dihydrotestosterone; Androstenedione; Coenzyme Q10, Total; Estradiol; Testosterone, Serum; Dehydroepiandrosterone Sulfate; IGF-1; Albumin, Serum; Ceruloplasmin; Progesterone; Aldosterone; ACTH, Plasma; Prolactin; Estrone, Serum; Sex Horm Binding Glob, Serum; Cortisol - AM; Cortisol - PM</p>						
<p>General Comments A courtesy copy of this report has been sent to the patient.</p>						

TESTS	RESULT	UNIT	REFERENCE INTERVAL	LAB
Corticosteroid Bind.Glob(CBG)				
Cort.Bind.Glob.(CBG)	2.3	mg/dL		01
Reference Range: Older Children and Adults: 2.3 - 3.9 *ASR - Analyte Specific Reagent This test was developed and its performance characteristics determined by Esoterix. It has not been cleared or approved by the U. S. Food and Drug Administration. The FDA has determined that such clearance is not necessary. This test is used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is regulated under the Clinical Laboratory Improvement Amendment (CLIA) of 1988 as qualified to perform high complexity clinical testing.				
Pregnenolone, MS				
Pregnenolone, MS	44	ng/dL		01
Reference Range: Adults: <20 150				
Dihydrotestosterone				
Dihydrotestosterone	21	ng/dL		01
Reference Range: Adult Male: 30 - 85				
Androstenedione	108	ng/dL	57 - 265	02
Coenzyme Q10, Total	1.30	ug/ml	0.37 - 2.20	02

~~XXXXXXXXXX~~ MICHAEL G 209-425-4300-0 Seq # 0035

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Phone: 800-762-4344

Patient Name MICHAEL G		Specimen Number 209-425-4300-0	
Account Number 29152240	Patient ID	Control Number 10077920831	Date and Time Collected 07/28/09 07:41
		Date Reported 08/06/09	Sex M
		Age(Y/M/D) 37/04/20	Date of Birth 03/08/72

TESTS	RESULT	FLAG	UNITS	REFERENCE RANGE	LAB
Testosterone	18		pg/mL	0 - 53	03

Adult Male:
 Menstruating Female
 (Day of cycle relative to LH Peak)
 Follicular (-12) 19 - 63
 (- 4) 64 - 183
 Midcycle (- 1) 150 - 528
 Luteal (+ 2) 58 - 157
 (+ 6) 60 - 211
 (+12) 55 - 150
 Postmenopausal Female (Untreated) 0 - 31

Bayer Centaur/ACS Methodology

Testosterone, Serum	171	Low	ng/dL	241 - 827	03
Dehydroepiandrosterone Sulfate DHEA-Sulfate	110	Low	ug/dL	120 - 520	03
IGF-1 Insulin-Like Growth Factor I	121		ng/mL	109 - 284	03
Albumin, Serum	4.6		g/dL	3.5 - 5.5	03
Ceruloplasmin	21.2		mg/dL	16.2 - 35.6	03
Progesterone	0.6		ng/mL	0.3 - 1.2	03
Aldosterone	9.0		ng/dL	1.0 - 16.0	02
			0- 1 yr.	5.0 - 132.0	
			1- 2 yrs.	5.0 - 60.0	
			4- 7 yrs.	4.0 - 76.0	
			8-11 yrs.	3.0 - 28.0	
			12-16 yrs.	1.0 - 18.0	
			Adult (Supine)	1.0 - 16.0	
			Adult (Upright)	4.0 - 31.0	
ACTH, Plasma	27		pg/mL	6 - 48	03
Prolactin	2.8		ng/mL	2.1 - 17.7	03
			Age	Male	Female
			0- 1 mon.	3.7 - 81.2	0.3 - 95.0
			1-12 mons.	0.3 - 28.9	0.2 - 29.9
			1- 3 yrs.	2.3 - 13.2	1.0 - 17.0
			4- 6 yrs.	0.8 - 16.9	1.6 - 13.1
			7- 9 yrs.	1.9 - 11.5	0.2 - 12.9
			10-12 yrs.	0.9 - 12.9	1.9 - 9.6
			13-15 yrs.	1.6 - 16.6	3.0 - 14.4
			Adult	2.1 - 17.7	2.8 - 29.2
			Female: Non-Pregnant	2.8 - 29.2	
			Pregnant	9.7 - 208.5	

MICHAEL G	209-425-4300-0	Seq # 0035
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Patient Name MICHAEL G				Specimen Number 209-425-4300-0			
Account Number 29152240	Patient ID	Control Number 2007920831	Date and Time Collected 07/28/09 07:41	Date Reported 08/06/09	Sex M	Age(Y/M/D) 37/04/20	Date of Birth 03/08/72

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
			Postmenopausal	1.8 - 20.3	
Estrone, Serum	39		pg/mL	12 - 72	02
			Male	Female	
	0 - 5 years		18 - 53	19 - 46	
	6 - 7 years		17 - 48	17 - 44	
	8 - 9 years		20 - 54	31 - 70	
	10 - 11 years		21 - 49	28 - 68	
	12 - 14 years		17 - 44	57 - 140	
	Adult		12 - 72	See below	
	Female: Follicular Phase			37 - 138	
	Mid-cycle			60 - 229	
	Luteal Phase			50 - 114	
	Post Menopausal			14 - 103	
Sex Horm Binding Glob, Serum	7	Low	nmol/L	13 - 71	03
Cortisol - AM	16.7		ug/dL	4.3 - 22.4	03
Cortisol - PM	16.2		ug/dL	3.1 - 16.7	02

01	ES	Esoterix Endocrinology 4301 East Hills Road, Calabasas Hills, CA 91301	Dir: Samuel Pepkowitz, MD
02	BN	LabCorp Burlington 1447 York Court, Burlington, NC 27215-3361	Dir: William F Hancock, MD
03	RN	LabCorp Raritan 69 First Avenue, Raritan, NJ 08869-1800	Dir: Michael Mahoney, MD

For inquiries, the physician may contact Branch: 800-223-0631 Lab: 800-762-4344

MICHAEL G	209-425-4300-0	Seq #0035
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