

LAB RESULTS

Last Name	Lab ID	Specimen Number	Time Collected	Date Entered	Time Reported
CLEMENT	[REDACTED]	[REDACTED]	1/15/2015 2:48 PM	1/15/2015	1/17/2015 1:35 AM
First Name	Middle Initial	Phone	Control Number	Account Number	Account Phone Number
JAMES				[REDACTED]	[REDACTED]
Date of Birth	Age	Sex	Fasting	Physician Name	Physician ID
11/01/1955	59	M	Yes	An F	1558345843
Address			Account Address		

LIFE EXTENSION / NATIONAL DIAGNOSTICS, INC  
5990 NORTH FEDERAL HIGHWAY, FT. LAUDERDALE, FL 33308

Tests Ordered

CMP14+LP+4AC+CBC/D/Plt; VAP Cholesterol Profile; NMR LipoProfile; Urinalysis, Routine; Vitamin B12 and Folate; Hemoglobin A1c; Thyroxine (T4) Free, Dir

CLEMENT, JAMES - ID#: [REDACTED]

Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP14+LP+4AC+CBC/D/Plt</u>					
Glucose, Serum	76		mg/dL	65-99	MB
Uric Acid, Serum	5.2		mg/dL	3.7-8.6	MB
BUN	7		mg/dL	6-24	MB
Creatinine, Serum	0.76		mg/dL	0.76-1.27	MB
eGFR If NonAfricn Am	100		mL/min/1.73	>59	MB
eGFR If Africn Am	115		mL/min/1.73	>59	MB
BUN/Creatinine Ratio	9			9-20	MB
Sodium, Serum	141		mmol/L	134-144	MB
Potassium, Serum	4.5		mmol/L	3.5-5.2	MB
Chloride, Serum	97		mmol/L	97-108	MB
Carbon Dioxide, Total	25		mmol/L	18-29	MB
Calcium, Serum	9.7		mg/dL	8.7-10.2	MB

\*\*Effective January 19, 2015 the reference interval\*\*  
for Calcium, Serum will be changing to:

Age	Male	Female
0 - 10 days	8.6 - 10.4	8.6 - 10.4
11 days - 1 year	9.2 - 11.0	9.2 - 11.0
2 - 11 years	9.1 - 10.5	9.1 - 10.5
12 - 17 years	8.9 - 10.4	8.9 - 10.4
18 - 59 years	8.7 - 10.2	8.7 - 10.2
>59 years	8.6 - 10.2	8.7 - 10.3

Name: JAMES CLEMENT

Lab ID: [REDACTED]

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Mail To: [REDACTED]

Ship Method: USPS First-Class

Order No: [REDACTED]

354

CLEMENT, JAMES - [REDACTED]

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<b>CMP14+LP+4AC+CBC/D/Pit</b>																																									
Phosphorus, Serum	3.6		mg/dL	2.5-4.5	MB																																				
Protein, Total, Serum	6.9		g/dL	6.0-8.5	MB																																				
Albumin, Serum	4.8		g/dL	3.5-5.5	MB																																				
Globulin, Total	2.1		g/dL	1.5-4.5	MB																																				
A/G Ratio	2.3			1.1-2.5	MB																																				
Bilirubin, Total	0.4		mg/dL	0.0-1.2	MB																																				
Alkaline Phosphatase, S	46		IU/L	39-117	MB																																				
LDH	133		IU/L	121-224	MB																																				
AST (SGOT)	13		IU/L	0-40	MB																																				
ALT (SGPT)	13		IU/L	0-44	MB																																				
Iron, Serum	76		ug/dL	40-155	MB																																				
Cholesterol, Total	377	High	mg/dL	100-199	MB																																				
Triglycerides	130		mg/dL	0-149	MB																																				
HDL Cholesterol	62		mg/dL	>39	MB																																				
According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.																																									
VLDL Cholesterol Cal	26		mg/dL	5-40	MB																																				
LDL Cholesterol Calc	289	High	mg/dL	0-99	MB																																				
Comment:					MB																																				
T. Chol/HDL Ratio	6.1	High	ratio units	0.0-5.0	MB																																				
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Estimated CHD Risk	1.3	High	times avg.	0.0-1.0	MB																																				
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The CHD Risk is based on the T. Chol/HDL ratio. Other factors affect CHD Risk such as hypertension, smoking, diabetes, severe obesity, and family history of pre-mature CHD.																																									
WBC	4.3		x10E3/uL	3.4-10.8	MB																																				
RBC	5.03		x10E6/uL	4.14-5.80	MB																																				
Hemoglobin	15.3		g/dL	12.6-17.7	MB																																				
Hematocrit	45.5		%	37.5-51.0	MB																																				
MCV	91		fL	79-97	MB																																				
MCH	30.4		pg	26.6-33.0	MB																																				
MCHC	33.6		g/dL	31.5-35.7	MB																																				
RDW	14.3		%	12.3-15.4	MB																																				

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CLEMENT, JAMES - [REDACTED]

Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP14+LP+4AC+CBC/D/Pit</u>					
Platelets	184		x10E3/uL	150-379	MB
Neutrophils	53		%		MB
Lymphs	34		%		MB
Monocytes	10		%		MB
Eos	2		%		MB
Basos	1		%		MB
Immature Cells					MB
Neutrophils (Absolute)	2.3		x10E3/uL	1.4-7.0	MB
Lymphs (Absolute)	1.4		x10E3/uL	0.7-3.1	MB
Monocytes(Absolute)	0.4		x10E3/uL	0.1-0.9	MB
Eos (Absolute)	0.1		x10E3/uL	0.0-0.4	MB
Baso (Absolute)	0.1		x10E3/uL	0.0-0.2	MB
Immature Granulocytes	0		%		MB
Immature Grans (Abs)	0.0		x10E3/uL	0.0-0.1	MB
NRBC					MB
Hematology Comments:					
MB					
<u>VAP Cholesterol Profile</u>					
LDL Cholesterol	308	High	mg/dL	<130	ZU
HDL Cholesterol	60		mg/dL	>=40	ZU
VLDL Cholesterol	30	High	mg/dL	<30	ZU
Cholesterol, Total	398	High	mg/dL	<200	ZU
Triglycerides	126		mg/dL	<150	ZU
Non HDL Chol. (LDL+VLDL)	338	High	mg/dL	<160	ZU
apoB100-calc	204	High	mg/dL	<109	ZU
LDL-R (Real)-C	249	High	mg/dL	<100	ZU
Lp(a) Cholesterol	13.0	High	mg/dL	<10	ZU
IDL Cholesterol	46	High	mg/dL	<20	ZU
Remnant Lipo. (IDL+VLDL3)	65	High	mg/dL	<30	ZU
Probable Metabolic Syndrome	No			No	ZU
HDL-2 (Most Protective)	15		mg/dL	>10	ZU
HDL-3 (Less Protective)	45		mg/dL	>30	ZU
VLDL-3 (Small Remnant)	19	High	mg/dL	<10	ZU
LDL1 Pattern A	53.6		mg/dL		ZU
LDL2 Pattern A	75.9		mg/dL		ZU
LDL3 Pattern B	106.6		mg/dL		ZU
LDL4 Pattern B	13.1		mg/dL		ZU
LDL Density Pattern	A			A	ZU
<div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">             [ _____ ]              Pattern B              Small, Dense LDL           </div> <div style="text-align: center;">             [ _____ ]              Pattern              A/B           </div> <div style="text-align: center;">             [ _____ * _____ ]              Pattern A              Large Buoyant LDL           </div> </div>					

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>Urinalysis, Routine</u>					
pH	6.5			5.0-7.5	MB
Urine-Color	Yellow			Yellow	MB
Appearance	Clear			Clear	MB
WBC Esterase	Negative			Negative	MB
Protein	Negative			Negative/Trace	MB
Glucose	Negative			Negative	MB
Glucose Reflex					MB
Ketones	2+	Abnormal		Negative	MB
Occult Blood	Negative			Negative	MB
Bilirubin	Negative			Negative	MB
Urobilinogen, Semi-Qn	0.2		mg/dL	0.0-1.9	MB
Nitrite, Urine	Negative			Negative	MB
Microscopic Examination	Comment				MB
	Microscopic not indicated and not performed.				
<u>Vitamin B12 and Folate</u>					
Vitamin B12	689		pg/mL	211-946	MB
Folate (Folic Acid), Serum	18.1		ng/mL	>3.0	MB
	A serum folate concentration of less than 3.1 ng/mL is considered to represent clinical deficiency.				
<u>Hemoglobin A1c</u>					
Hemoglobin A1c	5.0		%	4.8-5.6	MB
	Increased risk for diabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0				
<u>Thyroxine (T4) Free, Direct, S</u>					
T4, Free(Direct)	1.28		ng/dL	0.82-1.77	MB
<u>TSH</u>					
TSH	1.900		uIU/mL	0.450-4.500	MB
<u>IGF-1</u>					
Insulin-Like Growth Factor I	104		ng/mL	54-194	BN
<u>Vitamin D, 25-Hydroxy</u>					
Vitamin D, 25-Hydroxy	56.3		ng/mL	30.0-100.0	MB
	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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<u>C-Reactive Protein, Cardiac</u>					
C-Reactive Protein, Cardiac	0.53		mg/L	0.00-3.00	MB
			Relative Risk for Future Cardiovascular Event		
			Low	<1.00	
			Average	1.00 - 3.00	
			High	>3.00	
<u>IGF-BP3</u>					
IGF-BP3	3828		ug/L	2133-5711	BN
<u>Homocyst(e)ine, Plasma</u>					
Homocyst(e)ine, Plasma	12.1		umol/L	0.0-15.0	MB
<u>Fibrinogen Activity</u>					
Fibrinogen Activity	316		mg/dL	193-507	MB
<u>Insulin</u>					
Insulin	5.5		uIU/mL	2.6-24.9	MB
<u>Ferritin, Serum</u>					
Ferritin, Serum	73		ng/mL	30-400	MB
<u>Triiodothyronine,Free,Serum</u>					
Triiodothyronine,Free,Serum	2.7		pg/mL	2.0-4.4	MB

Lab	Facility	Director	Phone
MB	LabCorp B 1801 First Avenue South, Birmingham, AL,	Elgin, Elgin	205-581-3500
ZU	Atherotec 201 London Parkway Suite 400, Birmingham, AL,	R, R	205-314-7400
S7	LipoScien 2500 Sumner Blvd, Raleigh, NC,	Franke, Franke	877-547-6837
BN	LabCorp B 1447 York Court, Burlington, NC,	F, F	800-762-4344

For inquiries, the physician may contact the above locations.

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