

5990 North Federal Highway, Ft. Lauderdale, FL 33308
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LAB RESULTS

Last Name	Lab ID	Specimen Number	Time Collected (EST)	Date Entered	Time Reported (EST)
CLEMENT	564431	101-291-4625-0	4/11/2017 10:15 AM	4/11/2017	4/13/2017 12:07 PM
First Name	Middle Initial	Phone	Control Number	Account Number	Account Phone Number
JAMES				09134075	954-766-8433
Date of Birth	Age	Sex	Fasting	Physician Name	Physician ID
11/01/1955	61	M		Cullen K	1619923927
Address			Account Address		

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

Tests Ordered

CMP12+LP+6AC+CBC/D/Plt+PSA+...; NMR LipoProf+Graph; Testosterone, Serum; Hemoglobin A1c; TSH; Vitamin D, 25-Hydroxy; Insulin

CLEMENT, JAMES - ID#: 564431

Tests	Result	Flag	Units	Reference Interval	Lab
CMP12+LP+6AC+CBC/D/Plt+PSA+...					
Glucose, Serum	94		mg/dL	65-99	TA
Uric Acid, Serum	4.4		mg/dL	3.7-8.6	TA
BUN	20		mg/dL	8-27	TA
Creatinine, Serum	0.92		mg/dL	0.76-1.27	TA
eGFR If NonAfricn Am	89		mL/min/1.73	>59	TA
eGFR If Africn Am	103		mL/min/1.73	>59	TA
BUN/Creatinine Ratio	22			10-24	TA
Sodium, Serum	142		mmol/L	134-144	TA
Potassium, Serum	4.1		mmol/L	3.5-5.2	TA
Chloride, Serum	102		mmol/L	96-106	TA
Calcium, Serum	9.7		mg/dL	8.6-10.2	TA
Phosphorus, Serum	3.7		mg/dL	2.5-4.5	TA
Protein, Total, Serum	6.3		g/dL	6.0-8.5	TA
Albumin, Serum	4.6		g/dL	3.6-4.8	TA
Globulin, Total	1.7		g/dL	1.5-4.5	TA
A/G Ratio	2.7	High		1.2-2.2	TA
Bilirubin, Total	0.4		mg/dL	0.0-1.2	TA
Alkaline Phosphatase, S	62		IU/L	39-117	TA
LDH	156		IU/L	121-224	TA

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Name: JAMES CLEMENT
Lab ID: 564431

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JAMES CLEMENT
844 NE 71ST ST
BOCA RATON, FL 33487-2436 USA

Pick: *70602506*

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Ship Method: USPS First-Class

Order No: 79932207



Tests	Result	Flag	Units	Reference Interval	Lab
CMP12+LP+6AC+CBC/D/Pit+PSA+...					
AST (SGOT)	28		IU/L	0-40	TA
ALT (SGPT)	21		IU/L	0-44	TA
GGT	14		IU/L	0-65	TA
Iron, Serum	75		ug/dL	38-169	TA
Cholesterol, Total	199		mg/dL	100-199	TA
Triglycerides	106		mg/dL	0-149	TA
HDL Cholesterol	49		mg/dL	>39	TA
LDL Cholesterol Calc	129	High	mg/dL	0-99	TA
Comment:					TA
T. Chol/HDL Ratio	4.1		ratio units	0.0-5.0	TA
				T. Chol/HDL Ratio	
				Men Women	
				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	
Estimated CHD Risk	0.8		times avg.	0.0-1.0	TA
				T. Chol/HDL Ratio	
				Men Women	
				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	
				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 premature CHD.	
Homocyst(e)ine, Plasma	9.7		umol/L	0.0-15.0	TA
Prostate Specific Ag, Serum	1.2		ng/mL	0.0-4.0	TA
			Roche ECLIA methodology.		
			According to the American Urological Association, Serum PSA should decrease and remain at undetectable levels after radical prostatectomy. The AUA defines biochemical recurrence as an initial PSA value 0.2 ng/mL or greater followed by a subsequent confirmatory PSA value 0.2 ng/mL or greater.		
			Values obtained with different assay methods or kits cannot be used interchangeably. Results cannot be interpreted as absolute evidence of the presence or absence of malignant disease.		
Free Testosterone(Direct)	9.8		pg/mL	6.6-18.1	BN
DHEA-Sulfate	156.6		ug/dL	48.9-344.2	TA
Estradiol	20.6		pg/mL	7.6-42.6	TA
			Roche ECLIA methodology		
C-Reactive Protein, Cardiac	0.25		mg/L	0.00-3.00	TA
				Relative Risk for Future Cardiovascular Event	
				Low	<1.00
				Average	1.00 - 3.00
				High	>3.00
WBC	4.4		x10E3/uL	3.4-10.8	TA
RBC	4.74		x10E6/uL	4.14-5.80	TA
Hemoglobin	14.6		g/dL	12.6-17.7	TA

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP12+LP+6AC+CBC/D/Pit+PSA+...</u>					
Hematocrit	43.4		%	37.5-51.0	TA
MCV	92		fL	79-97	TA
MCH	30.8		pg	26.6-33.0	TA
MCHC	33.6		g/dL	31.5-35.7	TA
RDW	13.3		%	12.3-15.4	TA
Platelets	179		x10E3/uL	150-379	TA
Neutrophils	53		%		TA
Lymphs	36		%		TA
Monocytes	7		%		TA
Eos	3		%		TA
Basos	1		%		TA
Immature Cells					TA
Neutrophils (Absolute)	2.4		x10E3/uL	1.4-7.0	TA
Lymphs (Absolute)	1.6		x10E3/uL	0.7-3.1	TA
Monocytes(Absolute)	0.3		x10E3/uL	0.1-0.9	TA
Eos (Absolute)	0.1		x10E3/uL	0.0-0.4	TA
Baso (Absolute)	0.0		x10E3/uL	0.0-0.2	TA
Immature Granulocytes	0		%		TA
Immature Grans (Abs)	0.0		x10E3/uL	0.0-0.1	TA
NRBC					TA
Hematology Comments:					
<u>NMR LipoProf+Graph</u>					
LDL-P	1670	High	nmol/L	<1000	BN
			Low	< 1000	
			Moderate	1000 - 1299	
			Borderline-High	1300 - 1599	
			High	1600 - 2000	
			Very High	> 2000	
LDL-C	130	High	mg/dL	0-99	BN
			Optimal	< 100	
			Above optimal	100 - 129	
			Borderline	130 - 159	
			High	160 - 189	
			Very high	> 189	
LDL-C is inaccurate if patient is non-fasting.					
HDL-C	48		mg/dL	>39	BN
Triglycerides	113		mg/dL	0-149	BN
Cholesterol, Total	201	High	mg/dL	100-199	BN
HDL-P (Total)	25.2	Low	umol/L	>=30.5	BN
Small LDL-P	563	High	nmol/L	<=527	BN
LDL Size	21.3		nm	>20.5	BN

**** INTERPRETATIVE INFORMATION****

PARTICLE CONCENTRATION AND SIZE

<--Lower CVD Risk Higher CVD Risk-->

LDL AND HDL PARTICLES	Percentile in Reference Population			
	High	75th	50th	25th Low
HDL-P (total)	>34.9	34.9	30.5	26.7 <26.7

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>NMR LipoProf+Graph</u>					
LDL Size	21.3		nm	>20.5	BN
	Small LDL-P	Low	25th 50th	75th High	
		<117	117 527	839 >839	
	LDL Size	<-Large (Pattern A)->	<-Small (Pattern B)->		
		23.0 20.6	20.5 19.0		

	Small LDL-P and LDL Size are associated with CVD risk, but not after LDL-P is taken into account.				
	These assays were developed and their performance characteristics determined by LipoScience. These assays have not been cleared by the US Food and Drug Administration. The clinical utility of these laboratory values have not been fully established.				
LP-IR Score	33			<=45	BN
	INSULIN RESISTANCE MARKER				
	<--Insulin Sensitive Insulin Resistant-->				
	Percentile in Reference Population				
	Insulin Resistance Score				
	LP-IR Score	Low	25th 50th	75th High	
		<27 27	45 63	>63	
	LP-IR Score is inaccurate if patient is non-fasting.				
	The LP-IR score is a laboratory developed index that has been associated with insulin resistance and diabetes risk and should be used as one component of a physician's clinical assessment. The LP-IR score listed above has not been cleared by the US Food and Drug Administration.				
NMR PDF Image					BN
<u>Testosterone, Serum</u>					
Testosterone, Serum	797		ng/dL	348-1197	TA
Comment:	Comment				TA
	Adult male reference interval is based on a population of lean males up to 40 years old.				
<u>Hemoglobin A1c</u>					
Hemoglobin A1c	5.3		%	4.8-5.6	TA
	Pre-diabetes: 5.7 - 6.4				
	Diabetes: >6.4				
	Glycemic control for adults with diabetes: <7.0				
<u>TSH</u>					
TSH	2.180		uIU/mL	0.450-4.500	TA

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>Vitamin D, 25-Hydroxy</u> Vitamin D, 25-Hydroxy	55.1		ng/mL	30.0-100.0	TA
<p>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).</p> <p>1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press.</p> <p>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.</p>					

<u>Insulin</u> Insulin	8.3		uIU/mL	2.6-24.9	TA
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Lab	Facility	Director	Phone
TA	LabCorp T 5610 W LaSalle Street, Tampa, FL,	Farrier, Farrier	800-877-5227
BN	LabCorp B 1447 York Court, Burlington, NC, For inquiries, the physician may contact the above locations.	F, F	800-762-4344

Thank you for ordering your lab tests through Life Extension/National Diagnostics, Inc. If you would like to discuss your results please call us at 1-800-208-3444. In order to ensure your privacy we ask that you have a copy of your results in front of you when making the call, as you will be asked to provide a specimen number or other identifier from the report. Our Wellness Specialists WILL NOT be able to review your lab results with you, unless you are able to provide this information from the report. We also understand that there are times when you will want to review a family members blood test results with our staff. Although Life Extension is happy to comply with these requests, permission (either verbally or in writing) must be given by the person who took the blood tests in order for us to do so. Thank you for your cooperation with these policies as we endeavor to keep your blood test results secure.

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