

LAB RESULTS

Last Name	Lab ID	Specimen Number	Time Collected	Date Entered	Time Reported
CLEMENT			12/10/2008 12:00 AM	12/10/2008	12/15/2008 7:06 AM
First Name	Middle Initial	Phone	Control Number	Account Number	Account Phone Number
JAMES					
Date of Birth	Age	Sex	Fasting	Physician Name	Physician ID
11/01/1955	53	M			
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+...; FSH and LH; Thyroxine (T4) Free, Direct, S; IGF-1; Hemoglobin A1c; Testosterone, Serum; TSH; Cortisol; Insulin; Se

CLEMENT, JAMES -

Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP12+LP+6AC+CBC/D/Plt+PSA+...</u>					
Glucose, Serum	95		mg/dL	65-99	01
Uric Acid, Serum	3.3		mg/dL	2.4-8.2	01
BUN	23		mg/dL	5-26	01
Creatinine, Serum	1.10		mg/dL	0.76-1.27	01
Glom Filt Rate, Est	>59		mL/min/1.73	>59	01
If African-American	>59		mL/min/1.73	>59	01
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	21			8-27	01
Sodium, Serum	141		mmol/L	135-145	01
Potassium, Serum	4.9		mmol/L	3.5-5.2	01
Chloride, Serum	102		mmol/L	97-108	01
Calcium, Serum	9.6		mg/dL	8.5-10.6	01
Phosphorus, Serum	3.4		mg/dL	2.5-4.5	01
Protein, Total, Serum	6.8		g/dL	6.0-8.5	01
Albumin, Serum	4.5		g/dL	3.5-5.5	01
Globulin, Total	2.3		g/dL	1.5-4.5	01
A/G Ratio	2.0			1.1-2.5	01

CLEMENT, JAMES - [REDACTED]

Tests	Result	Flag	Units	Reference Interval	Lab	
CMP12+LP+6AC+CBC/D/Pit+PSA+...						
Bilirubin, Total	0.4		mg/dL	0.1-1.2	01	
Alkaline Phosphatase, S	67		IU/L	25-150	01	
LDH	141		IU/L	100-250	01	
AST (SGOT)	21		IU/L	0-40	01	
ALT (SGPT)	18		IU/L	0-55	01	
GGT	15		IU/L	0-65	01	
Iron, Serum	56		ug/dL	40-155	01	
Cholesterol, Total	211	High	mg/dL	100-199	01	
Triglycerides	100		mg/dL	0-149	01	
HDL Cholesterol	53		mg/dL	>39	01	
According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.						
LDL Cholesterol Calc	138	High	mg/dL	0-99	01	
Comment						01
If initial LDL-cholesterol result is >100 mg/dL, assess for risk factors.						
T. Chol/HDL Ratio	4.0		ratio units	0.0-5.0	01	
Estimated CHD Risk	0.7		times avg.	0.0-1.0	01	
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 pre-mature CHD.						
Homocyst(e)ine, P	5.7		umol/L	0.0-15.0	01	
Prostate Specific Ag, Serum	1.7		ng/mL	0.0-4.0	01	
Roche ECLIA methodology.						
.						
According to the American Urological Association, PSA should be undetectable after radical prostatectomy. A PSA of less than 0.5 ng/mL (or undetectable) is not likely to be associated with disease recurrence within five years of treatment. 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)	15.2		pg/mL	7.2-24.0	02	
DHEA-Sulfate	194		ug/dL	70-310	01	
Estradiol	43		pg/mL	0-53	01	
Adult Male:						
<54						
Menstruating Female						
(Day of cycle relative to LH Peak)						
Follicular (-12) 19 - 83						
(- 4) 64 - 183						

FINAL REPORT

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CLEMENT, JAMES - [REDACTED]

Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP12+LP+6AC+CBC/D/Plt+PSA+...</u>					
			Midcycle (- 1)	150 - 528	
			Luteal (+ 2)	58 - 157	
			(+ 6)	60 - 211	
			(+12)	55 - 150	
			Postmenopausal Female (Untreated)	0 - 31	
C-Reactive Protein, Cardiac	0.20		Bayer Centaur/ACS Methodology mg/L	0.00-3.00	01
			Relative Risk for Future Cardiovascular Event		
			Low	<1.00	
			Average	1.00 - 3.00	
			High	>3.00	
WBC	4.5		x10E3/uL	4.0-10.5	01
			Please note reference interval change for the pediatric CBC With Differential/Platelet		
RBC	4.87		x10E6/uL	4.10-5.60	01
Hemoglobin	15.1		g/dL	12.5-17.0	01
Hematocrit	44.4		%	36.0-50.0	01
MCV	91		fL	80-98	01
MCH	31.1		pg	27.0-34.0	01
MCHC	34.1		g/dL	32.0-36.0	01
RDW	13.0		%	11.7-15.0	01
Platelets	161		x10E3/uL	140-415	01
Neutrophils	53		%	40-74	01
Lymphs	33		%	14-46	01
Monocytes	8		%	4-13	01
Eos	5		%	0-7	01
Basos	1		%	0-3	01
Neutrophils (Absolute)	2.4		x10E3/uL	1.8-7.8	01
Lymphs (Absolute)	1.5		x10E3/uL	0.7-4.5	01
Monocytes(Absolute)	0.4		x10E3/uL	0.1-1.0	01
Eos (Absolute)	0.2		x10E3/uL	0.0-0.4	01
Baso (Absolute)	0.0		x10E3/uL	0.0-0.2	01
Hematology Comments:					01
<u>FSH and LH</u>					
LH	4.8		mIU/mL	1.5-9.3	01
			Age	Male	Female
			0- 1 yr.	0.5 - 1.9	0.0 - 0.5
			2- 5 yrs.	0.0 - 0.5	0.0 - 0.5
			6- 10 yrs.	0.0 - 0.5	0.0 - 0.5
			11- 19 yrs.	0.5 - 5.3	0.5 - 9.0
			20- 69 yrs.	1.5 - 9.3	0.0 - 76.3
			70-100 yrs.	3.1 - 34.6	5.0 - 52.3
			Female		
			Follicular		1.9 - 12.5
			Midcycle		8.7 - 76.3
			Luteal		0.5 - 16.9

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>FSH and LH</u>					
LH	4.8		mIU/mL	1.5-9.3	01
			Pregnant	0.0 - 1.5	
			Postmenopausal	15.9 - 54.0	
			Contraceptives	0.7 - 5.6	
FSH	3.7		mIU/mL	1.4-18.1	01
			Age		
			Male		
			Female		
			5th day	<0.2 - 4.6	
			2 mo- 3 yrs.	0.2 - 2.7	
			4- 6 yrs.	0.2 - 2.7	
			7- 9 yrs.	0.2 - 2.7	
			10-11 yrs.	0.4 - 5.0	
			12-13 yrs.	0.4 - 6.6	
			14-15 yrs.	0.7 - 13.2	
			>15 yrs.	1.4 - 18.1	
			Female		
			Follicular	2.5 - 10.2	
			Midcycle	3.4 - 33.4	
			Luteal	1.5 - 9.1	
			Pregnant	<0.2	
			Postmenopausal	23.0 - 116.3	
<u>Thyroxine (T4) Free, Direct, S</u>					
T4,Free(Direct)	1.19		ng/dL	0.61-1.76	01
<u>IGF-1</u>					
Insulin-Like Growth Factor I	177		ng/mL	87-238	02
<u>Hemoglobin A1c</u>					
Hemoglobin A1c	5.1		%	<7.0	01
			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.		
<u>Testosterone, Serum</u>					
Testosterone, Serum	682		ng/dL	241-827	01
<u>TSH</u>					
TSH	1.769		uIU/mL	0.450-4.500	01
<u>Cortisol</u>					
Cortisol	17.4		ug/dL	3.1-22.4	01
			Male		
			Female		
			5 days old	0.6 - 19.8	
			2 mos-13 yrs.	2.4 - 22.9	
			14-15 yrs.	2.4 - 22.9	
			Adult (AM)	2.4 - 28.6	
			Adult (PM)	4.3 - 22.4	
				3.1 - 16.7	
<u>Insulin</u>					
Insulin	3.6		uIU/mL	0.0-29.1	01

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Sex Horm Binding Glob, Serum

Sex Horm Binding Glob, Serum	54		nmol/L	13-71	01
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Please note

Please note					01
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The date and/or time of collection was not indicated on the requisition as required by state and federal law. The date of receipt of the specimen was used as the collection date if not supplied.

Lab	Facility	Director	Phone
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01	LabCorp Sa	Hanson, Hanson MD	858-668-3700
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13112 Evening Creek Dr So Ste 200, San Diego, CA, 921280000

02	LabCorp Bu	Hancock, Hancock MD	800-762-4344
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1447 York Court, Burlington, NC, 272153361

For inquiries, the physician may contact the above locations.

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 advisory team 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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