

LAB RESULTS

Last Name	Lab ID	Specimen Number	Time Collected	Date Entered	Time Reported
ELITE	430816	085-291-4856-0	3/26/2015 12:00 AM	3/26/2015	4/1/2015 6:07 AM
First Name	Middle Initial	Phone	Control Number	Account Number	Account Phone Number
FEMALE				09134075	954-766-8433
Date of Birth	Age	Sex	Fasting	Physician Name	Physician ID
12/09/1978	36	F		LaPorta M	1720168826
Address			Account Address		

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

Tests Ordered

CMP14+LP+4AC+CBC/D/Plt; Testosterone,Free and Total; FSH and LH; Pregnenolone, MS; Dihydrotestosterone; Hemoglobin A1c; Thyroxine (T4) Free, Direc

ELITE, FEMALE - ID#: 430816

Tests	Result	Flag	Units	Reference Interval	Lab
<b>CMP14+LP+4AC+CBC/D/Plt</b>					
Glucose, Serum	91		mg/dL	65-99	TA
Uric Acid, Serum	3.5		mg/dL	2.5-7.1	TA
BUN	12		mg/dL	6-20	TA
Creatinine, Serum	0.65		mg/dL	0.57-1.00	TA
eGFR If NonAfricn Am	115		mL/min/1.73	>59	TA
eGFR If Africn Am	132		mL/min/1.73	>59	TA
BUN/Creatinine Ratio	18			8-20	TA
Sodium, Serum	140		mmol/L	134-144	TA
Potassium, Serum	4.0		mmol/L	3.5-5.2	TA
Chloride, Serum	100		mmol/L	97-108	TA
Carbon Dioxide, Total	22		mmol/L	18-29	TA
Calcium, Serum	10.0		mg/dL	8.7-10.2	TA
Phosphorus, Serum	3.4		mg/dL	2.5-4.5	TA
Protein, Total, Serum	7.2		g/dL	6.0-8.5	TA
Albumin, Serum	5.0		g/dL	3.5-5.5	TA
Globulin, Total	2.2		g/dL	1.5-4.5	TA
A/G Ratio	2.3			1.1-2.5	TA
Bilirubin, Total	0.7		mg/dL	0.0-1.2	TA
Alkaline Phosphatase, S	53		IU/L	39-117	TA
LDH	137		IU/L	119-226	TA

Name: FEMALE ELITE  
Lab ID: 430816

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4/1/2015 5:02:25 PM

Pick: \*70410499\*

**\*70410499\***

Mail To: FEMALE ELITE  
844 NE 71ST ST  
BOCA RATON, FL 33487-2436 USA

Ship Method: USPS First-Class  
Order No: 77214896

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ELITE, FEMALE - ID#: 430816

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<b>CMP14+LP+4AC+CBC/D/Plt</b>																																									
AST (SGOT)	14		IU/L	0-40	TA																																				
ALT (SGPT)	9		IU/L	0-32	TA																																				
Iron, Serum	98		ug/dL	35-155	TA																																				
Cholesterol, Total	180		mg/dL	100-199	TA																																				
Triglycerides	57		mg/dL	0-149	TA																																				
HDL Cholesterol	89		mg/dL	>39	TA																																				
According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.																																									
VLDL Cholesterol Cal	11		mg/dL	5-40	TA																																				
LDL Cholesterol Calc	80		mg/dL	0-99	TA																																				
Comment:					TA																																				
T. Chol/HDL Ratio	2.0		ratio units	0.0-4.4	TA																																				
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2X Avg.Risk	9.6			9.6	7.1																																				
3X Avg.Risk	23.4			23.4	11.0																																				
Estimated CHD Risk	< 0.5		times avg.	0.0-1.0	TA																																				
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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 premature CHD.																																									
WBC	4.2		x10E3/uL	3.4-10.8	TA																																				
RBC	4.53		x10E6/uL	3.77-5.28	TA																																				
Hemoglobin	14.4		g/dL	11.1-15.9	TA																																				
Hematocrit	41.7		%	34.0-46.6	TA																																				
MCV	92		fL	79-97	TA																																				
MCH	31.8		pg	26.6-33.0	TA																																				
MCHC	34.5		g/dL	31.5-35.7	TA																																				
RDW	13.1		%	12.3-15.4	TA																																				
Platelets	342		x10E3/uL	150-379	TA																																				
Neutrophils	47		%		TA																																				
Lymphs	41		%		TA																																				
Monocytes	10		%		TA																																				
Eos	1		%		TA																																				
Basos	1		%		TA																																				
Immature Cells					TA																																				
Neutrophils (Absolute)	2.0		x10E3/uL	1.4-7.0	TA																																				

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<u>CMP14+LP+4AC+CBC/D/Pit</u>					
Lymphs (Absolute)	1.7		x10E3/uL	0.7-3.1	TA
Monocytes(Absolute)	0.4		x10E3/uL	0.1-0.9	TA
Eos (Absolute)	0.0		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:					TA
<u>Testosterone,Free and Total</u>					
Testosterone, Serum	18		ng/dL	8-48	TA
Comment:					TA
Free Testosterone(Direct)	4.5	High	pg/mL	0.0-4.2	BN
				**Please note reference interval change**	
<u>FSH and LH</u>					
LH	8.3		mIU/mL		TA
			Follicular phase	2.4 - 12.6	
			Ovulation phase	14.0 - 95.6	
			Luteal phase	1.0 - 11.4	
			Postmenopausal	7.7 - 58.5	
FSH	14.6		mIU/mL		TA
			Follicular phase	3.5 - 12.5	
			Ovulation phase	4.7 - 21.5	
			Luteal phase	1.7 - 7.7	
			Postmenopausal	25.8 - 134.8	
<u>Pregnenolone, MS</u>					
Pregnenolone, MS	53		ng/dL		ES
			Reference Range:		
			Adults: <151		
<u>Dihydrotestosterone</u>					
Dihydrotestosterone	8.7		ng/dL		ES
			Reference Range:		
			Adult Female: 4 - 22		
<u>Hemoglobin A1c</u>					
Hemoglobin A1c	5.4		%	4.8-5.6	TA
			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)	1.37		ng/dL	0.82-1.77	TA
<u>DHEA-Sulfate</u>					
DHEA-Sulfate	208.0		ug/dL	57.3-279.2	TA
<u>TSH</u>					
TSH	1.040		uIU/mL	0.450-4.500	TA

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<u>Estradiol</u>					
Estradiol	41.8		pg/mL		TA
			Adult Female:		
			Follicular phase	12.5 - 166.0	
			Ovulation phase	85.8 - 498.0	
			Luteal phase	43.8 - 211.0	
			Postmenopausal	<6.0 - 54.7	
			Pregnancy		
			1st trimester	215.0 - >4300.0	
			Girls (1-10 years)	6.0 - 27.0	
			Roche ECLIA methodology		
<u>IGF-1</u>					
Insulin-Like Growth Factor I	188		ng/mL	69-227	BN
<u>Reverse T3, Serum</u>					
Reverse T3, Serum	17.2		ng/dL	9.2-24.1	BN
<u>Vitamin D, 25-Hydroxy</u>					
Vitamin D, 25-Hydroxy	34.5		ng/mL	30.0-100.0	TA
			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.		
<u>C-Reactive Protein, Cardiac</u>					
C-Reactive Protein, Cardiac	< 0.10		mg/L	0.00-3.00	TA
			Relative Risk for Future Cardiovascular Event		
			Low	<1.00	
			Average	1.00 - 3.00	
			High	>3.00	
<u>Homocyst(e)ine, Plasma</u>					
Homocyst(e)ine, Plasma	10.0		umol/L	0.0-15.0	TA
<u>Progesterone</u>					
Progesterone	0.4		ng/mL		TA
			Follicular phase	0.2 - 1.5	
			Luteal phase	1.7 - 27.0	
			Ovulation phase	0.8 - 3.0	
			Pregnant		
			First trimester	8.8 - 48.6	
			Second trimester	12.4 - 75.8	
			Third trimester	58.5 - 222.3	
			Postmenopausal	0.1 - 0.8	
<u>Insulin</u>					
Insulin	6.2		uIU/mL	2.6-24.9	TA

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>Estrogens, Total</u>					
Estrogens, Total	164		pg/mL		BN
				Prepubertal <40	
				Female Cycle:	
				1-10 Days 61 - 394	
				11-20 Days 122 - 437	
				21-30 Days 156 - 350	
				Post-Menopausal <40	
				HMG Treatment for Ovulation	
				Induction: 400 - 800	
<u>Estrone, Serum</u>					
Estrone, Serum	63		pg/mL		BN
			Age	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
<u>Ferritin, Serum</u>					
Ferritin, Serum	19		ng/mL	15-150	TA
<u>Triiodothyronine, Free, Serum</u>					
Triiodothyronine, Free, Serum	3.3		pg/mL	2.0-4.4	TA
<u>Sex Horm Binding Glob, Serum</u>					
Sex Horm Binding Glob, Serum	86.6		nmol/L	24.6-122.0	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,	F, F	800-762-4344
ES	Esoterix 4301 Lost Hills Road, Calabasas Hills, CA,	H, H	800-444-9111

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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