



LE National Diagnostics, Inc., 900 North Federal Highway, FT. Lauderdale, FL 33304
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LAB RESULTS

Last Name	Lab ID	Specimen Number	Time Collected	Date Entered	Time Reported
First Name	Middle Initial	Phone	Control Number	Account Number	Account Phone Number
Date of Birth	Age	Sex	Fasting	Physician Name	Physician ID
		F			
Address			Account Address		

LIFE EXTENSION / NATIONAL DIAGNOSTICS, INC
900 NORTH FEDERAL HIGHWAY, FT. LAUDERDALE, FL 33304

Tests Ordered

CMP12+LP+6AC+CBC/D/Plt+CRP-...; Iron and TIBC; FSH and LH; Pregnenolone, MS; Dihydrotestosterone; Hemoglobin A1c; Thyroxine (T4) Free, Direct;

Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP12+LP+6AC+CBC/D/Plt+CRP-...</u>					
Glucose	96		mg/dL	65-99	TA
Uric Acid	4.8		mg/dL	2.6-6.2	TA
BUN	13		mg/dL	6-20	TA
Creatinine	0.85		mg/dL	0.57-1.00	TA
eGFR	94		mL/min/1.73	>59	TA
BUN/Creatinine Ratio	15			9-23	TA
Sodium	137		mmol/L	134-144	TA
Potassium	4.3		mmol/L	3.5-5.2	TA
Chloride	102		mmol/L	96-106	TA
Calcium	8.9		mg/dL	8.7-10.2	TA
Phosphorus	2.6	Low	mg/dL	3.0-4.3	TA
Protein, Total	6.9		g/dL	6.0-8.5	TA
Albumin	4.2		g/dL	3.9-5.0	TA
Globulin, Total	2.7		g/dL	1.5-4.5	TA
A/G Ratio	1.6			1.2-2.2	TA
Bilirubin, Total	0.5		mg/dL	0.0-1.2	TA
Alkaline Phosphatase	55		IU/L	44-121	TA
LDH	182		IU/L	119-226	TA
AST (SGOT)	19		IU/L	0-40	TA
ALT (SGPT)	18		IU/L	0-32	TA
GGT	12		IU/L	0-60	TA
Iron	104		ug/dL	27-159	TA
Cholesterol, Total	196		mg/dL	100-199	TA
Triglycerides	60		mg/dL	0-149	TA
HDL Cholesterol	72		mg/dL	>39	TA
LDL Chol Calc (NIH)	116	High	mg/dL	0-99	TA
Comment:					TA

Name:

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Lab ID:

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Ship Method:

Order No:

Tests	Result	Flag	Units	
<u>CMP12+LP+6AC+CBC/D/Plt+CRP-...</u>				
T. Chol/HDL Ratio	2.7		ratio	0.0-4.4 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	< 0.5		times avg.	0.0-1.0 TA
				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	8.7		umol/L	0.0-14.5 TA
Free Testosterone(Direct)	8.9		pg/mL	0.0-4.2 BN
Progesterone	4.4		ng/mL	TA
			Follicular phase	0.1 - 0.9
			Luteal phase	1.8 - 23.9
			Ovulation phase	0.1 - 12.0
			Pregnant	
			First trimester	11.0 - 44.3
			Second trimester	25.4 - 83.3
			Third trimester	58.7 - 214.0
			Postmenopausal	0.0 - 0.1
DHEA-Sulfate	250.0		ug/dL	84.8-378.0 TA
Estradiol	95.9		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
			Roche ECLIA methodology	
C-Reactive Protein, Cardiac	1.22		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	6.8		x10E3/uL	3.4-10.8 TA
RBC	4.40		x10E6/uL	3.77-5.28 TA
Hemoglobin	12.8		g/dL	11.1-15.9 TA
Hematocrit	38.4		%	34.0-46.6 TA
MCV	87		fL	79-97 TA
MCH	29.1		pg	26.6-33.0 TA
MCHC	33.3		g/dL	31.5-35.7 TA
RDW	11.8		%	11.7-15.4 TA
Platelets	293		x10E3/uL	150-450 TA
Neutrophils	57		%	Not Estab. TA
Lymphs	34		%	Not Estab. TA
Monocytes	6		%	Not Estab. TA
Eos	2		%	Not Estab. TA
Basos	1		%	Not Estab. TA
Immature Cells				TA
Neutrophils (Absolute)	3.9		x10E3/uL	1.4-7.0 TA

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<u>CMP12+LP+6AC+CBC/D/Plt+CRP-...</u>				
Lymphs (Absolute)	2.3		x10E3/uL	0.7-3.1 TA
Monocytes(Absolute)	0.4		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		%	Not Estab. TA
Immature Grans (Abs)	0.0		x10E3/uL	0.0-0.1 TA
NRBC				TA
Hematology Comments:				TA
<u>Iron and TIBC</u>				
Iron Bind.Cap.(TIBC)	307		ug/dL	250-450 TA
UIBC	203		ug/dL	131-425 TA
Iron Saturation	34		%	15-55 TA
<u>FSH and LH</u>				
LH	6.2		mIU/mL	TA
			Adult Female:	
			Follicular phase	2.4 - 12.6
			Ovulation phase	14.0 - 95.6
			Luteal phase	1.0 - 11.4
			Postmenopausal	7.7 - 58.5
FSH	3.0		mIU/mL	TA
			Adult Female:	
			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	67		ng/dL	ES
	This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration. Reference Range: Adults: <151			
<u>Dihydrotestosterone</u>				
Dihydrotestosterone	10		ng/dL	ES
	This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration. Reference Range: Adult Female: 4 - 22			
<u>Hemoglobin A1c</u>				
Hemoglobin A1c	5.3		%	4.8-5.6 TA
	Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0			
<u>Throxine (T4) Free, Direct</u>				
T4,Free(Direct)	1.55		ng/dL	0.82-1.77 TA
<u>Cortisol</u>				
Cortisol	16.0		ug/dL	TA
			Cortisol AM	6.2 - 19.4
			Cortisol PM	2.3 - 11.9
<u>Testosterone</u>				
Testosterone	38		ng/dL	13-71 TA
<u>TSH</u>				
TSH	1.390		uIU/mL	0.450-4.500 TA

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Tests	Result	Flag	Units	
<u>IGF-1</u>				
Insulin-Like Growth Factor I	175		ng/mL	91-308 BN
<u>Reverse T3, Serum</u>				
Reverse T3, Serum	12.7		ng/dL	9.2-24.1 BN
	This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.			
<u>Vitamin D, 25-Hydroxy</u>				
Vitamin D, 25-Hydroxy	37.9		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>Magnesium</u>				
Magnesium	2.0		mg/dL	1.6-2.3 TA
<u>Insulin</u>				
Insulin	9.3		uIU/mL	2.6-24.9 TA
<u>Estrogens, Total</u>				
Estrogens, Total	267		pg/mL	BN
			Prepubertal	< 40
			Female Cycle:	
			1-10 Days	16 - 328
			11-20 Days	34 - 501
			21-30 Days	48 - 350
			Post-Menopausal	40 - 244

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Tests	Result	Flag	Units	
<u>Estrone, Serum</u>				
Estrone, Serum	102		pg/mL	BN
			Adult:	
			Follicular phase	39 - 132
			Periovulatory	58 - 256
			Luteal phase	54 - 179
			Pregnancy:	
			1st trimester	247 - 2774
			2nd trimester	569 - 5781
			Postmenopausal:	
			with ERT	51 - 488
			without ERT	31 - 100
			Effective April 4, 2022 Estrone, Serum methodology	
			will be changing to Enzyme immunoassay (EIA). The	
			reference interval will be changing to:	
				Male Range
			Tanner Stage I	5 - 17
			Tanner Stage II	10 - 25
			Tanner Stage III	15 - 25
			Tanner Stage IV	15 - 45
			Tanner Stage V	20 - 45
			Adult	0 - 174
				Female Range
			Tanner Stage I	4 - 29
			Tanner Stage II	10 - 33
			Tanner Stage III	15 - 43
			Tanner Stage IV	16 - 77
			Tanner Stage V	29 - 105
			Adult (Premenopausal)	27 - 231
			Menstrual Cycle (1-10 days)	19 - 149
			Menstrual Cycle (11-20 days)	32 - 176
			Menstrual Cycle (21-30 days)	37 - 200
			Adult (Postmenopausal)	0 - 125
<u>Ferritin</u>				
Ferritin	63		ng/mL	15-150 TA
<u>Triiodothyronine (T3), Free</u>				
Triiodothyronine (T3), Free	3.5		pg/mL	2.0-4.4 TA
<u>Sex Horm Binding Glob, Serum</u>				
Sex Horm Binding Glob, Serum	67.9		nmol/L	24.6-122.0 TA
<u>Apolipoprotein B</u>				
Apolipoprotein B	78		mg/dL	<90 BN
			Desirable	< 90
			Borderline High	90 - 99
			High	100 - 130
			Very High	>130

			ASCVD RISK	THERAPEUTIC TARGET
			CATEGORY	APO B (mg/dL)
			Very High Risk	<80 (if extreme risk <70)
			High Risk	<90
			Moderate Risk	<90

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Lab	Facility	Director	Phone
TA	Labcorp T 5610 W LaSalle Street, Tampa, FL,	MD Sean Farrier	800-877-5227
BN	Labcorp B 1447 York Court, Burlington, NC,	MD Sanjai Nagendra	800-762-4344
ES	Esoterix 4301 Lost Hills Road, Calabasas Hills, CA, For inquiries, the physician may contact the above locations.	MD Brian Poirier	800-444-9111

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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