



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
SAMPLE					
First Name	Middle Initial	Phone	Control Number	Account Number	Account Phone Number
REPORT					
Date of Birth	Age	Sex	Fasting	Physician Name	Physician ID
		M	Yes		
Address			Account Address		

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

Tests Ordered

CMP14+LP+4AC+CBC/D/Pit; PSA Total+% Free (Serial); Iron and TIBC; FSH and LH; Testosterone,Free and Total; Pregnenolone, MS; Dihydrotestosterone;

Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP14+LP+4AC+CBC/D/Pit</u>					
Glucose	97		mg/dL	65-99	SO
Uric Acid	6.3		mg/dL	3.8-8.4	SO
			Please note reference interval change		
BUN	19		mg/dL	8-27	SO
Creatinine	1.02		mg/dL	0.76-1.27	SO
eGFR	79		mL/min/1.73	>59	SO
	In accordance with recommendations from the NKF-ASN Task force, Labcorp has updated its eGFR calculation to the 2021 CKD-EPI creatinine equation that estimates kidney function without a race variable.				
BUN/Creatinine Ratio	19			10-24	SO
Sodium	141		mmol/L	134-144	SO
Potassium	4.6		mmol/L	3.5-5.2	SO
Chloride	105		mmol/L	96-106	SO
Carbon Dioxide, Total	22		mmol/L	20-29	SO
Calcium	9.5		mg/dL	8.6-10.2	SO
Phosphorus	4.2	High	mg/dL	2.8-4.1	SO
Protein, Total	7.2		g/dL	6.0-8.5	SO
Albumin	4.8		g/dL	3.8-4.8	SO
Globulin, Total	2.4		g/dL	1.5-4.5	SO
A/G Ratio	2.0			1.2-2.2	SO
Bilirubin, Total	0.9		mg/dL	0.0-1.2	SO
Alkaline Phosphatase	61		IU/L	44-121	SO
LDH	148		IU/L	121-224	SO
AST (SGOT)	25		IU/L	0-40	SO
ALT (SGPT)	19		IU/L	0-44	SO
Iron	120		ug/dL	38-169	SO
Cholesterol, Total	169		mg/dL	100-199	SO
Triglycerides	80		mg/dL	0-149	SO
HDL Cholesterol	36		mg/dL	>39	SO
VLDL Cholesterol Cal	16		mg/dL	5-40	SO
LDL Chol Calc (NIH)	123	High	mg/dL	0-99	SO
Comment:					SO

Name:

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Lab ID:

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Ship Method:

p:1 of 5

Order No:

Tests	Result	Flag	Units	
<u>CMP14+LP+4AC+CBC/D/Plt</u>				
T. Chol/HDL Ratio	4.7		ratio	0.0-5.0 SO
				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	0.9		times avg.	0.0-1.0 SO
				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	3.1	Low	x10E3/uL	3.4-10.8 SO
RBC	5.04		x10E6/uL	4.14-5.80 SO
Hemoglobin	15.7		g/dL	13.0-17.7 SO
Hematocrit	46.7		%	37.5-51.0 SO
MCV	93		fL	79-97 SO
MCH	31.2		pg	26.6-33.0 SO
MCHC	33.6		g/dL	31.5-35.7 SO
RDW	12.9		%	11.6-15.4 SO
Platelets	256		x10E3/uL	150-450 SO
Neutrophils	58		%	Not Estab. SO
Lymphs	29		%	Not Estab. SO
Monocytes	10		%	Not Estab. SO
Eos	3		%	Not Estab. SO
Basos	0		%	Not Estab. SO
Immature Cells				SO
Neutrophils (Absolute)	1.8		x10E3/uL	1.4-7.0 SO
Lymphs (Absolute)	0.9		x10E3/uL	0.7-3.1 SO
Monocytes(Absolute)	0.3		x10E3/uL	0.1-0.9 SO
Eos (Absolute)	0.1		x10E3/uL	0.0-0.4 SO
Baso (Absolute)	0.0		x10E3/uL	0.0-0.2 SO
Immature Granulocytes	0		%	Not Estab. SO
Immature Grans (Abs)	0.0		x10E3/uL	0.0-0.1 SO
NRBC				SO
Hematology Comments:				SO
<u>PSA Total+% Free (Serial)</u>				
Prostate Specific Ag	1.9		ng/mL	0.0-4.0 SO
				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.
PSA, Free	0.57		ng/mL	N/A SO
				Roche ECLIA methodology.

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Tests	Result	Flag	Units	
<u>PSA Total+% Free (Serial)</u>				
% Free PSA	30.0		%	SO
	The table below lists the probability of prostate cancer for men with non-suspicious DRE results and total PSA between 4 and 10 ng/mL, by patient age (Catalona et al, JAMA 1998, 279:1542).			
		% Free PSA	50-64 yr	65-75 yr
		0.00-10.00%	56%	55%
		10.01-15.00%	24%	35%
		15.01-20.00%	17%	23%
		20.01-25.00%	10%	20%
		>25.00%	5%	9%
	Please note: Catalona et al did not make specific recommendations regarding the use of percent free PSA for any other population of men.			
PDF	.			TG
<u>Iron and TIBC</u>				
Iron Bind.Cap.(TIBC)	323		ug/dL	250-450 SO
UIBC	203		ug/dL	111-343 SO
Iron Saturation	37		%	15-55 SO
<u>FSH and LH</u>				
LH	5.6		mIU/mL	1.7-8.6 SO
FSH	6.9		mIU/mL	1.5-12.4 SO
<u>Testosterone,Free and Total</u>				
Testosterone	629		ng/dL	264-916 SO
	Adult male reference interval is based on a population of healthy nonobese males (BMI <30) between 19 and 39 years old. Travison, et.al. JCEM 2017,102;1161-1173. PMID: 28324103.			
Free Testosterone(Direct)	17.2		pg/mL	6.6-18.1 BN
<u>Pregnenolone, MS</u>				
Pregnenolone, MS	120		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	98	High	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 Male: 30 - 85			
<u>Hemoglobin A1c</u>				
Hemoglobin A1c	5.5		%	4.8-5.6 SO
	Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0			
<u>Thyroxine (T4) Free, Direct</u>				
T4,Free(Direct)	1.49		ng/dL	0.82-1.77 SO
<u>DHEA-Sulfate</u>				
DHEA-Sulfate	167.1		ug/dL	30.9-295.6 SO

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Tests	Result	Flag	Units	
<u>Cortisol</u>				
Cortisol	12.6		ug/dL	SO
			Cortisol AM	6.2 - 19.4
			Cortisol PM	2.3 - 11.9
<u>TSH</u>				
TSH	1.930		uIU/mL	SO
<u>Estradiol</u>				
Estradiol	23.1		pg/mL	SO
	Roche ECLIA methodology			
<u>IGF-1</u>				
Insulin-Like Growth Factor I	109		ng/mL	BN
<u>Reverse T3, Serum</u>				
Reverse T3, Serum	13.3		ng/dL	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	54.9		ng/mL	SO
	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	0.85		mg/L	SO
			Relative Risk for Future Cardiovascular Event	
			Low	<1.00
			Average	1.00 - 3.00
			High	>3.00
<u>Homocyst(e)ine</u>				
Homocyst(e)ine	8.9		umol/L	SO
<u>GGT</u>				
GGT	16		IU/L	SO
<u>Magnesium</u>				
Magnesium	2.1		mg/dL	SO
<u>Progesterone</u>				
Progesterone	0.1		ng/mL	SO
<u>Insulin</u>				
Insulin	4.1		uIU/mL	SO
<u>Estrogens, Total</u>				
Estrogens, Total	66		pg/mL	BN
			Prepubertal	<40
<u>Ferritin</u>				
Ferritin	73		ng/mL	SO
<u>Triiodothyronine (T3), Free</u>				
Triiodothyronine (T3), Free	3.3		pg/mL	SO
<u>Sex Horm Binding Glob, Serum</u>				
Sex Horm Binding Glob, Serum	55		nmol/L	SO

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Tests	Result	Flag	Units
<u>Apolipoprotein B</u>			
Apolipoprotein B	89		mg/dL
			Desirable < 90
			Borderline High 90 - 99
			High 100 - 130
			Very High >130

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

Lab	Facility	Director	Phone
SO	Labcorp S 13112 Evening Creek Dr So Ste 200, San Diego, CA,	MD Jenny R Galloway	858-668-3700
TG	Labcorp R 1912 TW Alexander Drive, RTP, NC,	MPhD Anjen Chenn	800-735-4087
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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