

**LAB RESULTS**

Last Name	Lab ID	Specimen Number	Time Collected (EST)	Date Entered	Time Reported (EST)
PANEL	716665	053-291-4530-0	2/22/2019 12:00 AM	2/22/2019	2/25/2019 6:05 AM
First Name	Middle Initial	Phone	Control Number	Account Number	Account Phone Number
MALE				09134075	954-766-8433
Date of Birth	Age	Sex	Fasting	Physician Name	Physician ID
12/01/1986	32	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+...; Hemoglobin A1c; Testosterone, Serum; TSH; Vitamin D, 25-Hydroxy; Insulin; Apolipoprotein B

PANEL, MALE - ID#: 716665

Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP12+LP+6AC+CBC/D/Plt+PSA+...</u>					
Glucose	84		mg/dL	65-99	TA
Uric Acid	7.8		mg/dL	3.7-8.6	TA
<b>BUN</b>	<b>21</b>	<b>High</b>	mg/dL	6-20	TA
Creatinine	1.22		mg/dL	0.76-1.27	TA
eGFR If NonAfricn Am	78		mL/min/1.73	>59	TA
eGFR If Africn Am	90		mL/min/1.73	>59	TA
BUN/Creatinine Ratio	17			9-20	TA
Sodium	144		mmol/L	134-144	TA
Potassium	4.8		mmol/L	3.5-5.2	TA
Chloride	101		mmol/L	96-106	TA
Calcium	10.2		mg/dL	8.7-10.2	TA
Phosphorus	3.2		mg/dL	2.5-4.5	TA
Protein, Total	7.6		g/dL	6.0-8.5	TA
Albumin	5.1		g/dL	3.5-5.5	TA
Globulin, Total	2.5		g/dL	1.5-4.5	TA
A/G Ratio	2.0			1.2-2.2	TA
Bilirubin, Total	0.5		mg/dL	0.0-1.2	TA
Alkaline Phosphatase	48		IU/L	39-117	TA
LDH	195		IU/L	121-224	TA

Name: MALE PANEL

Lab ID: 716665

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MALE PANEL

3600 WEST COMMERCIAL BLVD

FORT LAUDERDALE, FL 33309

USA

Pick: \*70823293\*

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**Ship Method:** USPS First-Class

**Order No:** 82764538



Tests	Result	Flag	Units	Reference Interval	Lab
<b>CMP12+LP+6AC+CBC/D/Pit+PSA+...</b>					
AST (SGOT)	35		IU/L	0-40	TA
ALT (SGPT)	35		IU/L	0-44	TA
GGT	25		IU/L	0-65	TA
Iron	137		ug/dL	38-169	TA
Cholesterol, Total	168		mg/dL	100-199	TA
Triglycerides	81		mg/dL	0-149	TA
HDL Cholesterol	73		mg/dL	>39	TA
LDL Cholesterol Calc	79		mg/dL	0-99	TA
Comment:					TA
T. Chol/HDL Ratio	2.3		ratio	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	< 0.5		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 pre-mature CHD.	
Homocyst(e)ine	7.5		umol/L	0.0-15.0	TA
Prostate Specific Ag, Serum	0.5		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)	11.4		pg/mL	8.7-25.1	BN
DHEA-Sulfate	267.2		ug/dL	138.5-475.2	TA
Estradiol	32.7		pg/mL	7.6-42.6	TA
				Roche ECLIA methodology	
C-Reactive Protein, Cardiac	2.04		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	6.3		x10E3/uL	3.4-10.8	TA
RBC	4.66		x10E6/uL	4.14-5.80	TA
Hemoglobin	14.6		g/dL	13.0-17.7	TA
Hematocrit	42.5		%	37.5-51.0	TA

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP12+LP+6AC+CBC/D/Pit+PSA+...</u>					
MCV	91		fL	79-97	TA
MCH	31.3		pg	26.6-33.0	TA
MCHC	34.4		g/dL	31.5-35.7	TA
RDW	13.3		%	12.3-15.4	TA
Platelets	306		x10E3/uL	150-379	TA
Neutrophils	62		%	Not Estab.	TA
Lymphs	26		%	Not Estab.	TA
Monocytes	6		%	Not Estab.	TA
Eos	6		%	Not Estab.	TA
Basos	0		%	Not Estab.	TA
Immature Cells					TA
Neutrophils (Absolute)	3.8		x10E3/uL	1.4-7.0	TA
Lymphs (Absolute)	1.6		x10E3/uL	0.7-3.1	TA
Monocytes(Absolute)	0.4		x10E3/uL	0.1-0.9	TA
Eos (Absolute)	0.4		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:					
<u>Hemoglobin A1c</u>					
Hemoglobin A1c	5.1		%	4.8-5.6	TA
Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0					
<u>Testosterone, Serum</u>					
Testosterone, Serum	473		ng/dL	264-916	TA
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.					
<u>TSH</u>					
TSH	1.780		uIU/mL	0.450-4.500	TA
<u>Vitamin D, 25-Hydroxy</u>					
Vitamin D, 25-Hydroxy	36.8		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>Insulin</u>					
Insulin	5.7		uIU/mL	2.6-24.9	TA

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PANEL, MALE - ID#: 716665

Tests	Result	Flag	Units	Reference Interval	Lab
<u>Apolipoprotein B</u>					
Apolipoprotein B	88		mg/dL	<90	BN
			Desirable	< 90	
			Borderline High	90 - 99	
			High	100 - 120	
			Very High	>120	
			ASCVD RISK CATEGORY	THERAPEUTIC TARGET APO B (mg/dL)	
			Very High Risk	<80 (if extreme risk <70)	
			High Risk	<90	
			Moderate Risk	<90	
			**Please note reference interval change**		

Lab	Facility	Director	Phone
<b>TA</b>	<b>LabCorp T</b> 5610 W LaSalle Street, Tampa, FL,	Farrier, Farrier	800-877-5227
<b>BN</b>	<b>LabCorp B</b> 1447 York Court, Burlington, NC,	Nagendra, Nagendra	800-762-4344

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 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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