

LAB RESULTS

Last Name	Lab ID	Specimen Number	Time Collected (EST)	Date Entered	Time Reported (EST)
PANEL	717835	059-291-5937-0	2/28/2019 8:35 AM	2/28/2019	3/2/2019 9:06 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
06/03/1957	61	F		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+CRP-...; Hemoglobin A1c; Testosterone, Serum; TSH; Vitamin D, 25-Hydroxy; Insulin; Apolipoprotein B

PANEL, FEMALE - ID#: 717835

Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP12+LP+6AC+CBC/D/Plt+CRP-...</u>					
Glucose	76		mg/dL	65-99	TA
Uric Acid	4.4		mg/dL	2.5-7.1	TA
BUN	15		mg/dL	8-27	TA
Creatinine	0.64		mg/dL	0.57-1.00	TA
eGFR If NonAfricn Am	97		mL/min/1.73	>59	TA
eGFR If Africn Am	111		mL/min/1.73	>59	TA
BUN/Creatinine Ratio	23			12-28	TA
Sodium	139		mmol/L	134-144	TA
Potassium	4.6		mmol/L	3.5-5.2	TA
Chloride	101		mmol/L	96-106	TA
Calcium	9.7		mg/dL	8.7-10.3	TA
Phosphorus	3.8		mg/dL	2.5-4.5	TA
Protein, Total	7.1		g/dL	6.0-8.5	TA
Albumin	4.7		g/dL	3.6-4.8	TA
Globulin, Total	2.4		g/dL	1.5-4.5	TA
A/G Ratio	2.0			1.2-2.2	TA
Bilirubin, Total	0.6		mg/dL	0.0-1.2	TA
Alkaline Phosphatase	63		IU/L	39-117	TA
LDH	132		IU/L	119-226	TA

Name: FEMALE PANEL

Lab ID: 717835

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FEMALE PANEL

3600 WEST COMMERCIAL BLVD

FORT LAUDERDALE, FL 33309 USA

Pick: *70824686*

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Order No: 82798598



Tests	Result	Flag	Units	Reference Interval	Lab
CMP12+LP+6AC+CBC/D/Pit+CRP-...					
AST (SGOT)	15		IU/L	0-40	TA
ALT (SGPT)	17		IU/L	0-32	TA
GGT	18		IU/L	0-60	TA
Iron	93		ug/dL	27-139	TA
Cholesterol, Total	168		mg/dL	100-199	TA
Triglycerides	52		mg/dL	0-149	TA
HDL Cholesterol	75		mg/dL	>39	TA
LDL Cholesterol Calc	83		mg/dL	0-99	TA
Comment:					TA
T. Chol/HDL Ratio	2.2		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
				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	8.4		umol/L	0.0-15.0	TA
Free Testosterone(Direct)	2.6		pg/mL	0.0-4.2	BN
Progesterone	4.5		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	233.4	High	ug/dL	29.4-220.5	TA
Estradiol	56.5		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	
C-Reactive Protein, Cardiac	1.71		mg/L	0.00-3.00	TA
				Relative Risk for Future Cardiovascular Event	
				Low <1.00	
				Average 1.00 - 3.00	
				High >3.00	

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP12+LP+6AC+CBC/D/Pit+CRP-...</u>					
WBC	8.7		x10E3/uL	3.4-10.8	TA
RBC	4.54		x10E6/uL	3.77-5.28	TA
Hemoglobin	13.3		g/dL	11.1-15.9	TA
Hematocrit	39.7		%	34.0-46.6	TA
MCV	87		fL	79-97	TA
MCH	29.3		pg	26.6-33.0	TA
MCHC	33.5		g/dL	31.5-35.7	TA
RDW	13.5		%	12.3-15.4	TA
Platelets	454	High	x10E3/uL	150-379	TA
Neutrophils	61		%	Not Estab.	TA
Lymphs	26		%	Not Estab.	TA
Monocytes	10		%	Not Estab.	TA
Eos	3		%	Not Estab.	TA
Basos	0		%	Not Estab.	TA
Immature Cells					TA
Neutrophils (Absolute)	5.3		x10E3/uL	1.4-7.0	TA
Lymphs (Absolute)	2.2		x10E3/uL	0.7-3.1	TA
Monocytes(Absolute)	0.9		x10E3/uL	0.1-0.9	TA
Eos (Absolute)	0.2		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	4.9		%	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	71	High	ng/dL	3-41	TA
<u>TSH</u>					
TSH	1.180		uIU/mL	0.450-4.500	TA
<u>Vitamin D, 25-Hydroxy</u>					
Vitamin D, 25-Hydroxy	74.2		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.					

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PANEL, FEMALE - ID#: 717835

Tests	Result	Flag	Units	Reference Interval	Lab
<u>Insulin</u>					
Insulin	2.2	Low	uIU/mL	2.6-24.9	TA
<u>Apolipoprotein B</u>					
Apolipoprotein B	66		mg/dL	<90	BN
			Desirable	< 90	
			Borderline High	90 - 99	
			High	100 - 120	
			Very High	>120	
		ASCVD RISK	THERAPEUTIC TARGET		
		CATEGORY	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
TA	LabCorp T 5610 W LaSalle Street, Tampa, FL,	Farrier, Farrier	800-877-5227
BN	LabCorp 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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