

5990 North Federal Highway, Ft. Lauderdale, FL 33308
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LAB RESULTS

Last Name	Lab ID	Specimen Number	Time Collected (EST)	Date Entered	Time Reported (EST)
NMR	528763	201-291-4189-0	7/19/2016 12:00 AM	7/19/2016	7/23/2016 3:06 PM
First Name	Middle Initial	Phone	Control Number	Account Number	Account Phone Number
PLUS				09134075	954-766-8433
Date of Birth	Age	Sex	Fasting	Physician Name	Physician ID
03/13/1984	32	F		Cullen K	1619923927
Address			Account Address		

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

Tests Ordered

NMR LipoProf+Graph; Myeloperoxidase; Vitamin D, 25-Hydroxy; C-Reactive Protein, Cardiac; Homocyst(e)ine, Plasma; Fibrinogen Activity

NMR, PLUS - ID#: 528763

Tests	Result	Flag	Units	Reference Interval	Lab
<u>NMR LipoProf+Graph</u>					
LDL-P	521		nmol/L	<1000	BN
			Low	< 1000	
			Moderate	1000 - 1299	
			Borderline-High	1300 - 1599	
			High	1600 - 2000	
			Very High	> 2000	
LDL-C	44		mg/dL	0-99	BN
			Optimal	< 100	
			Above optimal	100 - 129	
			Borderline	130 - 159	
			High	160 - 189	
			Very high	> 189	
LDL-C is inaccurate if patient is non-fasting.					
HDL-C	78		mg/dL	>39	BN
Triglycerides	129		mg/dL	0-149	BN
Cholesterol, Total	148		mg/dL	100-199	BN
HDL-P (Total)	38.0		umol/L	>=30.5	BN
Small LDL-P	<90		nmol/L	<=527	BN
LDL Size	21.1		nm	>20.5	BN

** INTERPRETATIVE INFORMATION**

Name: PLUS NMR
Lab ID: 528763

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7/24/2016 7:01:18 AM

PLUS NMR
844 NE 71ST ST
BOCA RATON, FL 33487-2436 USA

066
Pick: *70546066*

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>NMR LipoProf+Graph</u>					
LDL Size	21.1		nm	>20.5	BN
	PARTICLE CONCENTRATION AND SIZE <--Lower CVD Risk Higher CVD Risk--> LDL AND HDL PARTICLES Percentile in Reference Population HDL-P (total) High 75th 50th 25th Low >34.9 34.9 30.5 26.7 <26.7 Small LDL-P Low 25th 50th 75th High <117 117 527 839 >839 LDL Size <-Large (Pattern A)-> <-Small (Pattern B)-> 23.0 20.6 20.5 19.0				
	----- Small LDL-P and LDL Size are associated with CVD risk, but not after LDL-P is taken into account. These assays were developed and their performance characteristics determined by LipoScience. These assays have not been cleared by the US Food and Drug Administration. The clinical utility of these laboratory values have not been fully established.				
LP-IR Score	43			<=45	BN
	INSULIN RESISTANCE MARKER <--Insulin Sensitive Insulin Resistant--> Percentile in Reference Population Insulin Resistance Score LP-IR Score Low 25th 50th 75th High <27 27 45 63 >63 LP-IR Score is inaccurate if patient is non-fasting. The LP-IR score is a laboratory developed index that has been associated with insulin resistance and diabetes risk and should be used as one component of a physician's clinical assessment. The LP-IR score listed above has not been cleared by the US Food and Drug Administration.				
NMR PDF Image					BN
<u>Myeloperoxidase</u>					
Myeloperoxidase(1)	277		pmol/L	<470	CLHRT
	Based on a high risk population defined as ambulatory stable patients without acute coronary syndrome who underwent elective diagnostic coronary angiography(ref) and reference range study of apparently healthy donors, we've defined the following cut-offs for MPO: A cut-off of <470 pmol/L defines an "apparently healthy" population at low risk for a cardiovascular event, 470-539 pmol/L defines a population at intermediate risk for a cardiovascular event (2-fold increased risk of MACE at 3 years), and >= to 540 pmol/L defines a high risk population.				
Comments					CLHRT
	Comment (1) This test is performed by a turbidimetric immunoassay method. The test was developed and its performance characteristics determined by Cleveland HeartLab, Inc. It has not been cleared or approved by the U.S. FDA. The laboratory is regulated under CLIA as qualified to perform high-complexity testing. This test is used for clinical purposes. It should not be regarded as investigational or for research. Reference(ref): Tang et al. Am J Cardiol. 2013; 111:465-470.				

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Tests	Result	Flag	Units	Reference Interval	Lab						
<u>Vitamin D, 25-Hydroxy</u> Vitamin D, 25-Hydroxy	40.3		ng/mL	30.0-100.0	TA						
<p>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).</p> <p>1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press.</p> <p>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.</p>											
<u>C-Reactive Protein, Cardiac</u> C-Reactive Protein, Cardiac	0.18		mg/L	0.00-3.00	TA						
<p>Relative Risk for Future Cardiovascular Event</p> <table border="0"> <tr> <td>Low</td> <td><1.00</td> </tr> <tr> <td>Average</td> <td>1.00 - 3.00</td> </tr> <tr> <td>High</td> <td>>3.00</td> </tr> </table>						Low	<1.00	Average	1.00 - 3.00	High	>3.00
Low	<1.00										
Average	1.00 - 3.00										
High	>3.00										
<u>Homocyst(e)ine, Plasma</u> Homocyst(e)ine, Plasma	6.7		umol/L	0.0-15.0	TA						
<u>Fibrinogen Activity</u> Fibrinogen Activity	225		mg/dL	193-507	TA						

Lab	Facility	Director	Phone
BN	LabCorp B 1447 York Court, Burlington, NC,	F, F	800-762-4344
CLHRT	Cleveland 6701 Carnegie Avenue Ste 500, Cleveland, OH,	H, H	866-358-9828
TA	LabCorp T 5610 W LaSalle Street, Tampa, FL,	Farrier, Farrier	800-877-5227

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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