



LE National Diagnostics, Inc., 5990 North Federal Highway, Ft. Lauderdale, FL 33308
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LAB RESULTS

Last Name	Lab ID	Specimen Number	Time Collected	Date Entered	Time Reported
ADAMS	961462	215-544-7842-0	8/3/2021 9:45 AM	8/3/2021	8/9/2021 6:06 AM
First Name	Middle Initial	Phone	Control Number	Account Number	Account Phone Number
JOHN				9134075	954-766-8433
Date of Birth	Age	Sex	Fasting	Physician Name	Physician ID
12/17/1949	71	M	Yes	Ramos C	1447451323
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+...; NMR LipoProfile+Lipids+Graph; Hemoglobin A1c; Thyroxine (T4) Free, Direct, S; Testosterone, Serum; TSH; IGF-1;

ADAMS, JOHN - ID#: 961462

Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP12+LP+6AC+CBC/D/Plt+PSA+...</u>					
Glucose	92		mg/dL	65-99	SO
Uric Acid	3.8		mg/dL	3.8-8.4	SO
			Please note reference interval change		
BUN	22		mg/dL	8-27	SO
Creatinine	0.89		mg/dL	0.76-1.27	SO
eGFR If NonAfricn Am	86		mL/min/1.73	>59	SO
eGFR If Africn Am	99		mL/min/1.73	>59	SO
	Labcorp currently reports eGFR in compliance with the current recommendations of the National Kidney Foundation. Labcorp will update reporting as new guidelines are published from the NKF-ASN Task force.				
BUN/Creatinine Ratio	25	High		10-24	SO
Sodium	136		mmol/L	134-144	SO
Potassium	4.9		mmol/L	3.5-5.2	SO
Chloride	100		mmol/L	96-106	SO
Calcium	9.8		mg/dL	8.6-10.2	SO
Phosphorus	3.3		mg/dL	2.8-4.1	SO
Protein, Total	7.3		g/dL	6.0-8.5	SO
Albumin	4.8	High	g/dL	3.7-4.7	SO
Globulin, Total	2.5		g/dL	1.5-4.5	SO
A/G Ratio	1.9			1.2-2.2	SO

Name: JOHN ADAMS

FINAL REPORT JOHN ADAMS

Pick: *71134647*

Lab ID: 961462

8/9/2021 8:57:54 AM 21 HIDDEN CREEK LN

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LAGUNA HILLS, CA 92653-4481 USA

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p:1 of 5

Ship Method: USPS First-Class

Order No: 87325576



Tests	Result	Flag	Units	Reference Interval	Lab
CMP12+LP+6AC+CBC/D/Plt+PSA+...					
Bilirubin, Total	0.2		mg/dL	0.0-1.2	SO
Alkaline Phosphatase	52		IU/L	48-121	SO
LDH	131		IU/L	121-224	SO
AST (SGOT)	18		IU/L	0-40	SO
ALT (SGPT)	16		IU/L	0-44	SO
GGT	31		IU/L	0-65	SO
Iron	79		ug/dL	38-169	SO
Cholesterol, Total	229	High	mg/dL	100-199	SO
Triglycerides	53		mg/dL	0-149	SO
HDL Cholesterol	92		mg/dL	>39	SO
LDL Chol Calc (NIH)	128	High	mg/dL	0-99	SO
Comment:					SO
T. Chol/HDL Ratio	2.5		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	< 0.5		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.	
Homocyst(e)ine	8.1		umol/L	0.0-19.2	SO
Prostate Specific Ag, Serum	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.	
Free Testosterone(Direct)	13.6		pg/mL	6.6-18.1	BN
DHEA-Sulfate	110.0		ug/dL	30.9-295.6	SO
Estradiol	36.5		pg/mL	7.6-42.6	SO
				Roche ECLIA methodology	
C-Reactive Protein, Cardiac	0.56		mg/L	0.00-3.00	SO
				Relative Risk for Future Cardiovascular Event	
				Low <1.00	
				Average 1.00 - 3.00	
				High >3.00	
WBC	4.6		x10E3/uL	3.4-10.8	SO
RBC	4.40		x10E6/uL	4.14-5.80	SO
Hemoglobin	14.1		g/dL	13.0-17.7	SO
Hematocrit	42.1		%	37.5-51.0	SO
MCV	96		fL	79-97	SO

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP12+LP+6AC+CBC/D/Plt+PSA+...</u>					
MCH	32.0		pg	26.6-33.0	SO
MCHC	33.5		g/dL	31.5-35.7	SO
RDW	12.2		%	11.6-15.4	SO
Platelets	225		x10E3/uL	150-450	SO
Neutrophils	50		%	Not Estab.	SO
Lymphs	39		%	Not Estab.	SO
Monocytes	9		%	Not Estab.	SO
Eos	1		%	Not Estab.	SO
Basos	1		%	Not Estab.	SO
Immature Cells					SO
Neutrophils (Absolute)	2.3		x10E3/uL	1.4-7.0	SO
Lymphs (Absolute)	1.8		x10E3/uL	0.7-3.1	SO
Monocytes(Absolute)	0.4		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:					
<u>NMR LipoProfile+Lipids+Graph</u>					
LDL-P	1030	High	nmol/L	<1000	BN
			Low	< 1000	
			Moderate	1000 - 1299	
			Borderline-High	1300 - 1599	
			High	1600 - 2000	
			Very High	> 2000	
LDL-C (NIH Calc)	121	High	mg/dL	0-99	BN
			Optimal	< 100	
			Above optimal	100 - 129	
			Borderline	130 - 159	
			High	160 - 189	
			Very high	> 189	
HDL-C	95		mg/dL	>39	BN
Triglycerides	53		mg/dL	0-149	BN
Cholesterol, Total	225	High	mg/dL	100-199	BN
HDL-P (Total)	40.7		umol/L	>=30.5	BN
Small LDL-P	<90		nmol/L	<=527	BN
LDL Size	21.2		nm	>20.5	BN

**** INTERPRETATIVE INFORMATION****

PARTICLE CONCENTRATION AND SIZE

<--Lower CVD Risk Higher CVD Risk-->

LDL AND HDL PARTICLES	Percentile	Reference Population			
		50th	25th	Low	
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

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<u>NMR LipoProfile+Lipids+Graph</u>					
LDL Size	21.2		nm	>20.5	BN
		<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.				
LP-IR Score	<25			<=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.				
PDF					BN
<u>Hemoglobin A1c</u>					
Hemoglobin A1c	5.8	High	%	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, S</u>					
T4,Free(Direct)	1.04		ng/dL	0.82-1.77	SO
<u>Testosterone, Serum</u>					
Testosterone, Serum	869		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.				
<u>TSH</u>					
TSH	1.310		uIU/mL	0.450-4.500	SO
<u>IGF-1</u>					
Insulin-Like Growth Factor I	103		ng/mL	53-222	BN
<u>Vitamin D, 25-Hydroxy</u>					
Vitamin D, 25-Hydroxy	58.9		ng/mL	30.0-100.0	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.				

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>IGF-BP3</u>					
IGF-BP3	3213		ug/L	1779-5201	BN
<u>Magnesium</u>					
Magnesium	2.2		mg/dL	1.6-2.3	SO
<u>Progesterone</u>					
Progesterone	0.3		ng/mL	0.0-0.5	SO
<u>Insulin</u>					
Insulin	4.3		uIU/mL	2.6-24.9	SO
<u>Ferritin, Serum</u>					
Ferritin, Serum	51		ng/mL	30-400	SO
<u>Triiodothyronine (T3), Free</u>					
Triiodothyronine (T3), Free	2.2		pg/mL	2.0-4.4	SO
<u>Apolipoprotein B</u>					
Apolipoprotein B	104	High	mg/dL	<90	SO

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

Test(s) 884294-LDL-P; 123475-HDL-C; 123476-Triglycerides; 123477-Cholesterol, Total; 884296-HDL-P (Total); 884297-Small LDL-P; 884309-LDL Size; 884312-LP-IR Score was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.

Lab	Facility	Director	Phone
SO	LabCorp S 13112 Evening Creek Dr So Ste 200, San Diego, CA,	MD Jenny R Galloway	858-668-3700
BN	LabCorp B 1447 York Court, Burlington, NC,	MD Sanjai 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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