

LAB RESULTS

Last Name	Lab ID	Specimen Number	Time Collected (EST)	Date Entered	Time Reported (EST)
CHRISTOPHER	743889	158-544-5927-0	6/7/2019 8:57 AM	6/7/2019	6/15/2019 1:35 AM
First Name	Middle Initial	Phone	Control Number	Account Number	Account Phone Number
LOGAN				09134075	954-766-8433
Date of Birth	Age	Sex	Fasting	Physician Name	Physician ID
05/13/1985	34	M	Yes	Ramos C	1447451323
Address			Account Address		
LIFE EXTENSION / NATIONAL DIAGNOSTICS, INC 5990 NORTH FEDERAL HIGHWAY, FT. LAUDERDALE, FL 33308					

Tests Ordered

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

CHRISTOPHER, LOGAN - ID#: 743889

Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP14+LP+4AC+CBC/D/Pit</u>					
Glucose	94		mg/dL	65-99	SO
Uric Acid	7.4		mg/dL	3.7-8.6	SO
BUN	13		mg/dL	6-20	SO
Creatinine	0.99		mg/dL	0.76-1.27	SO
eGFR If NonAfricn Am	99		mL/min/1.73	>59	SO
eGFR If Africn Am	114		mL/min/1.73	>59	SO
BUN/Creatinine Ratio	13			9-20	SO
Sodium	143		mmol/L	134-144	SO
Potassium	4.3		mmol/L	3.5-5.2	SO
Chloride	101		mmol/L	96-106	SO
Carbon Dioxide, Total	26		mmol/L	20-29	SO
Calcium	9.9		mg/dL	8.7-10.2	SO
Phosphorus	3.4		mg/dL	2.5-4.5	SO
Protein, Total	7.0		g/dL	6.0-8.5	SO
Albumin	4.8		g/dL	3.5-5.5	SO
Globulin, Total	2.2		g/dL	1.5-4.5	SO
A/G Ratio	2.2			1.2-2.2	SO
Bilirubin, Total	0.8		mg/dL	0.0-1.2	SO
Alkaline Phosphatase	36	Low	IU/L	39-117	SO

Name: LOGAN CHRISTOPHER

Lab ID: 743889

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LOGAN CHRISTOPHER
195 AVIATION WAY STE 102
WATSONVILLE, CA 95076 USA

061
Pick: *70878061*

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Tests	Result	Flag	Units	Reference Interval	Lab
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CHRISTOPHER, LOGAN - ID#: 743889

Tests	Result	Flag	Units	Reference Interval	Lab
CMP14+LP+4AC+CBC/D/Plt					
LDH	117	Low	IU/L	121-224	SO
AST (SGOT)	20		IU/L	0-40	SO
ALT (SGPT)	14		IU/L	0-44	SO
Iron	132		ug/dL	38-169	SO
Cholesterol, Total	190		mg/dL	100-199	SO
Triglycerides	42		mg/dL	0-149	SO
HDL Cholesterol	82		mg/dL	>39	SO
VLDL Cholesterol Cal	8		mg/dL	5-40	SO
LDL Cholesterol Calc	100	High	mg/dL	0-99	SO
Comment:					SO
T. Chol/HDL Ratio	2.3		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
				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.	
WBC	3.0	Low	x10E3/uL	3.4-10.8	SO
RBC	4.94		x10E6/uL	4.14-5.80	SO
Hemoglobin	14.4		g/dL	13.0-17.7	SO
Hematocrit	43.5		%	37.5-51.0	SO
MCV	88		fL	79-97	SO
MCH	29.1		pg	26.6-33.0	SO
MCHC	33.1		g/dL	31.5-35.7	SO
RDW	13.3		%	12.3-15.4	SO
Platelets	234		x10E3/uL	150-450	SO
Neutrophils	35		%	Not Estab.	SO
Lymphs	56		%	Not Estab.	SO
Monocytes	8		%	Not Estab.	SO
Eos	1		%	Not Estab.	SO
Basos	0		%	Not Estab.	SO
Immature Cells					SO
Neutrophils (Absolute)	1.0	Low	x10E3/uL	1.4-7.0	SO
Lymphs (Absolute)	1.6		x10E3/uL	0.7-3.1	SO
Monocytes(Absolute)	0.3		x10E3/uL	0.1-0.9	SO
Eos (Absolute)	0.0		x10E3/uL	0.0-0.4	SO
Baso (Absolute)	0.0		x10E3/uL	0.0-0.2	SO
Immature Granulocytes	0		%	Not Estab.	SO

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Tests	Result	Flag	Units	Reference Interval	Lab
CMP14+LP+4AC+CBC/D/Plt					
Immature Grans (Abs)	0.0		x10E3/uL	0.0-0.1	SO
NRBC					SO
Hematology Comments:	<p>Note: Verified by microscopic examination.</p>				SO
PSA Total+% Free (Serial)					
Prostate Specific Ag, Serum	0.5		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	0.36		ng/mL	N/A	SO
	Roche ECLIA methodology.				
% Free PSA	72.0		%		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
FSH and LH					
LH	8.9	High	mIU/mL	1.7-8.6	SO
FSH	4.3		mIU/mL	1.5-12.4	SO
Testosterone,Free and Total					
Testosterone, Serum	667		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)	11.8		pg/mL	8.7-25.1	BN
Pregnenolone, MS					
Pregnenolone, MS	124		ng/dL		ES
	Reference Range: Adults: <151				
Dihydrotestosterone					
Dihydrotestosterone	76		ng/dL		ES
	Reference Range: Adult Male: 30 - 85				

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>Hemoglobin A1c</u>					
Hemoglobin A1c	5.4		%	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)	1.39		ng/dL	0.82-1.77	SO
<u>DHEA-Sulfate</u>					
DHEA-Sulfate	335.1		ug/dL	138.5-475.2	SO
<u>Cortisol</u>					
Cortisol	12.1		ug/dL		SO
				Cortisol AM 6.2 - 19.4 Cortisol PM 2.3 - 11.9	
<u>TSH</u>					
TSH	2.030		uIU/mL	0.450-4.500	SO
<u>Estradiol</u>					
Estradiol	16.8		pg/mL	7.6-42.6	SO
				Roche ECLIA methodology	
<u>IGF-1</u>					
Insulin-Like Growth Factor I	153		ng/mL	88-246	BN
<u>Reverse T3, Serum</u>					
Reverse T3, Serum	18.6		ng/dL	9.2-24.1	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	44.6		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.	
<u>C-Reactive Protein, Cardiac</u>					
C-Reactive Protein, Cardiac	0.18		mg/L	0.00-3.00	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	10.0		umol/L	0.0-15.0	SO
<u>Progesterone</u>					
Progesterone	0.3		ng/mL	0.0-0.5	SO

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CHRISTOPHER, LOGAN - ID#: 743889

Tests	Result	Flag	Units	Reference Interval	Lab
<u>Insulin</u>					
Insulin	2.5	Low	uIU/mL	2.6-24.9	SO
<u>Estrogens, Total</u>					
Estrogens, Total	117	High	pg/mL	40-115	BN
<u>Ferritin, Serum</u>					
Ferritin, Serum	TNP		ng/mL		SO
	Due to technical problems in testing, a valid result was not obtained. The remaining specimen was not sufficient for repeat testing. LabCorp will contact your patient to schedule a time for recollection. Should we be unable to make contact with your patient, your office will be notified.				
<u>Triiodothyronine (T3), Free</u>					
Triiodothyronine (T3), Free	3.1		pg/mL	2.0-4.4	SO
<u>Sex Horm Binding Glob, Serum</u>					
Sex Horm Binding Glob, Serum	88.4	High	nmol/L	16.5-55.9	SO
<u>Apolipoprotein B</u>					
Apolipoprotein B	82		mg/dL	<90	SO
			Desirable	< 90	
			Borderline High	90 - 99	
			High	100 - 130	
			Very High	>130	

			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		
<u>Request Problem</u>					
Request Problem	TNP				SO
	Due to technical problems in testing, a valid result was not obtained. The remaining specimen was not sufficient for repeat testing. LabCorp will contact your patient to schedule a time for recollection. Should we be unable to make contact with your patient, your office will be notified.				
	TEST: 004598 Ferritin, Serum				

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Lab	Facility	Director	Phone
SO	LabCorp S 13112 Evening Creek Dr So Ste 200, San Diego, CA,	R, R	858-668-3700
TG	LabCorp R 1912 TW Alexander Drive, RTP, NC,	Chatterjee, Chatterjee	800-735-4087
BN	LabCorp B 1447 York Court, Burlington, NC,	Nagendra, Nagendra	800-762-4344
ES	Esoterix 4301 Lost Hills Road, Calabasas Hills, CA, For inquiries, the physician may contact the above locations.	H, H	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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