

LAB RESULTS

Last Name	Lab ID	Specimen Number	Date & Time Collected	Date Entered	Date & Time Reported
EMANUELSON	140884	110-881-2766-0	4/20/2010 11:13 AM	4/20/2010	4/22/2010 4:12 PM
First Name	Middle Initial				
JERRY	L				
Date of Birth	Age	Sex	Fasting	Physician Name	Physician ID
03/24/1948	62	M	Yes	PARDELL H	D27319
Address			Account Address		

LIFE EXTENSION / NATIONAL DIAGNOSTICS, INC
1100 WEST COMMERCIAL BLVD, FT. LAUDERDALE, FL 33309

Tests Ordered

CMP12+LP+6AC+CBC/D/Pit+PSA+...; Hemoglobin A1c; Testosterone, Serum; TSH; IGF-1; Vitamin D, 25-Hydroxy

EMANUELSON, JERRY - ID#: 140884

Tests	Result	Flag	Units	Reference Interval	Lab
CMP12+LP+6AC+CBC/D/Pit+PSA+...					
Glucose, Serum	97		mg/dL	65-99	01
Uric Acid, Serum	4.9		mg/dL	2.4-8.2	01
BUN	12		mg/dL	5-26	01
Creatinine, Serum	0.97		mg/dL	0.76-1.27	01
eGFR	>59		mL/min/1.73	>59	01
eGFR AfricanAmerican	>59		mL/min/1.73	>59	01
<p>Note: Persistent reduction for 3 months or more in an eGFR <60 mL/min/1.73 m2 defines CKD. Patients with eGFR values >=60 mL/min/1.73 m2 may also have CKD if evidence of persistent proteinuria is present. Additional information may be found at www.kdoqi.org.</p>					
BUN/Creatinine Ratio	12			8-27	01
Sodium, Serum	136		mmol/L	135-145	01
Potassium, Serum	4.2		mmol/L	3.5-5.2	01
Chloride, Serum	99		mmol/L	97-108	01
Calcium, Serum	9.1		mg/dL	8.6-10.2	01
Phosphorus, Serum	4.7	High	mg/dL	2.5-4.5	01
Verified by repeat analysis					
Protein, Total, Serum	6.8		g/dL	6.0-8.5	01
Albumin, Serum	4.3		g/dL	3.6-4.8	01
Globulin, Total	2.5		g/dL	1.5-4.5	01
A/G Ratio	1.7			1.1-2.5	01

Name: JERRY L EMANUELSON

Lab ID: 140884

FINAL REPORT

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4/23/2010 6:00:12 AM

EMANUELSON, JERRY - ID#: 140884

Tests	Result	Flag	Units	Reference Interval	Lab
CMP12+LP+6AC+CBC/D/Pit+PSA+...					
Bilirubin, Total	0.5		mg/dL	0.1-1.2	01
Effective April 26, 2010, Bilirubin, Total, reference interval will be changing to: mg/dL Newborns, term and near term: 24 hours old: 0.0 - 8.0 48 hours old: 0.0 - 13.2 72 hours old: 0.0 - 15.6 96 hours to 1 month old: 0.0 - 16.6 Children 1 month and older and Adults: 0.0 - 1.2 *Panic value will be changed such that results* >17.0 mg/dL will be called as panics.					
Alkaline Phosphatase, S	77		IU/L	25-160	01
LDH	136		IU/L	100-250	01
AST (SGOT)	29		IU/L	0-40	01
ALT (SGPT)	31		IU/L	0-55	01
GGT	30		IU/L	0-65	01
Iron, Serum	67		ug/dL	40-155	01
Cholesterol, Total	122		mg/dL	100-199	01
Triglycerides	42		mg/dL	0-149	01
HDL Cholesterol	50		mg/dL	>39	01
According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.					
LDL Cholesterol Calc	64		mg/dL	0-99	01
T. Chol/HDL Ratio	24		ratio units	0.0-5.0	01
Estimated CHD Risk	<0.5		times avg.	0.0-1.0	01
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, Plasma	9.0		umol/L	0.0-15.0	01
Prostate Specific Ag, Serum	1.2		ng/mL	0.0-4.0	01
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					

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Tests	Result	Flag	Units	Reference Interval	Lab
<u>CMP12+LP+6AC+CBC/D/Pit+PSA+...</u>					
Free Testosterone(Direct)	11.5		pg/mL	6.6-18.1	02
DHEA-Sulfate	105.2		ug/dL	51.7-295.0	01
Estradiol	27.2		pg/mL	7.6-42.6	01
C-Reactive Protein, Cardiac	2.02		mg/L	0.00-3.00	01
Roche ECLIA methodology					
Relative Risk for Future Cardiovascular Event					
Low	<1.00				
Average	1.00 - 3.00				
High	>3.00				
WBC	5.1		x10E3/uL	4.0-10.5	01
RBC	4.51		x10E6/uL	4.20-6.00	01
Hemoglobin	15.0		g/dL	13.0-18.0	01
Hematocrit	44.7		%	37.0-55.0	01
MCV	99	High	fL	80-98	01
MCH	33.3		pg	27.0-34.0	01
MCHC	33.6		g/dL	32.0-36.0	01
RDW	12.8		%	11.7-15.0	01
Platelets	240		x10E3/uL	140-415	01
Neutrophils	52		%	40-74	01
Lymphs	35		%	14-46	01
Monocytes	7		%	4-13	01
Eos	6		%	0-7	01
Basos	0		%	0-3	01
Immature Cells					01
Neutrophils (Absolute)	2.7		x10E3/uL	1.8-7.8	01
Lymphs (Absolute)	1.8		x10E3/uL	0.7-4.5	01
Monocytes(Absolute)	0.4		x10E3/uL	0.1-1.0	01
Eos (Absolute)	0.3		x10E3/uL	0.0-0.4	01
Baso (Absolute)	0.0		x10E3/uL	0.0-0.2	01
Immature Granulocytes					01
Immature Grans (Abs)					01
NRBC					01
Hematology Comments:					01
<u>Hemoglobin A1c</u>					
Hemoglobin A1c	5.9	High	%	4.8-5.6	01
Increased risk for diabetes: 5.7 - 6.4					
Diabetes: >6.4					
Glycemic control for adults with diabetes: <7.0					
<u>Testosterone, Serum</u>					
Testosterone, Serum	717		ng/dL	280-800	01
<u>TSH</u>					
TSH	1.290		uIU/mL	0.450-4.500	01

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Tests	Result	Flag	Units	Reference Interval	Lab
IGF-1					
Insulin-Like Growth Factor I	97		ng/mL	75-212	02
Vitamin D, 25-Hydroxy					
Vitamin D, 25-Hydroxy	44.7		ng/mL	32.0-100.0	01

Recent studies consider the lower limit of 32.0 ng/mL to be a threshold for optimal health.

Hollis BW. J Nutr. 2005 Feb;135(2):317-22.

Lab	Facility	Director	Phone
01	LabCorp De 8490 Upland Drive, Englewood, CO, 801120000	Ryan, Ryan PhD	800-795-3699
02	LabCorp Bu 1447 York Court, Burlington, NC, 272153361	Hancock, Hancock MD	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 with one of our knowledgeable health advisors 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 advisory team 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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