



Patient Report

Specimen ID: 026-298-5218-0
Control ID: B0035319040

Acct #: 42064110

Phone: (972) 639-5838

Rte: 00

ALVAREZ, LUIS
3512 FINLEY RD
IRVING TX 75062
(469) 583-9342

DFW Primary Care PLLC
2925 Skyway Circle north
Irving TX 75038



Patient Details

DOB: 03/02/1957
Age(y/m/d): 058/10/24
Gender: M **SSN:**
Patient ID:

Specimen Details

Date collected: 01/26/2016 1611 Local
Date entered: 01/26/2016
Date reported: 01/27/2016 1445 Local

Physician Details

Ordering: S KETHA
Referring:
ID: 4051383
NPI: 1962447805

General Comments & Additional Information

Alternate Control Number: B0035319040
Total Volume: Not Provided

Alternate Patient ID: Not Provided
Fasting: Yes

Ordered Items

CBC With Differential/Platelet; Comp. Metabolic Panel (14); Urinalysis, Routine; Lipid Panel With LDL/HDL Ratio; Iron and TIBC; Vitamin B12 and Folate; Hemoglobin A1c; TSH; Prostate-Specific Ag, Serum; Vitamin D, 25-Hydroxy; Microalbumin, Random Urine; Ferritin, Serum; Venipuncture

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
CBC With Differential/Platelet					
WBC	5.1		x10E3/uL	3.4 - 10.8	01
RBC	5.00		x10E6/uL	4.14 - 5.80	01
Hemoglobin	15.2		g/dL	12.6 - 17.7	01
Hematocrit	45.5		%	37.5 - 51.0	01
MCV	91		fL	79 - 97	01
MCH	30.4		pg	26.6 - 33.0	01
MCHC	33.4		g/dL	31.5 - 35.7	01
RDW	13.6		%	12.3 - 15.4	01
Platelets	278		x10E3/uL	150 - 379	01
Neutrophils	44		%		01
Lymphs	49		%		01
Monocytes	5		%		01
Eos	2		%		01
Basos	0		%		01
Neutrophils (Absolute)	2.2		x10E3/uL	1.4 - 7.0	01
Lymphs (Absolute)	2.5		x10E3/uL	0.7 - 3.1	01
Monocytes (Absolute)	0.3		x10E3/uL	0.1 - 0.9	01
Eos (Absolute)	0.1		x10E3/uL	0.0 - 0.4	01
Baso (Absolute)	0.0		x10E3/uL	0.0 - 0.2	01
Immature Granulocytes	0		%		01
Immature Grans (Abs)	0.0		x10E3/uL	0.0 - 0.1	01
Comp. Metabolic Panel (14)					
Glucose, Serum	223	High	mg/dL	65 - 99	01
BUN	14		mg/dL	6 - 24	01
Creatinine, Serum	0.80		mg/dL	0.76 - 1.27	01
eGFR If NonAfricn Am	98		mL/min/1.73	>59	
eGFR If Africn Am	114		mL/min/1.73	>59	
BUN/Creatinine Ratio	18			9 - 20	
Sodium, Serum	137		mmol/L	134 - 144	01
Potassium, Serum	4.3		mmol/L	3.5 - 5.2	01

Date Issued: 02/04/16 1312 ET

FINAL REPORT

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Chloride, Serum	97		mmol/L	97 - 108	01
Carbon Dioxide, Total	23		mmol/L	18 - 29	01
Calcium, Serum	9.3		mg/dL	8.7 - 10.2	01
Protein, Total, Serum	7.3		g/dL	6.0 - 8.5	01
Albumin, Serum	4.3		g/dL	3.5 - 5.5	01
Globulin, Total	3.0		g/dL	1.5 - 4.5	
A/G Ratio	1.4			1.1 - 2.5	
Bilirubin, Total	0.6		mg/dL	0.0 - 1.2	01
Alkaline Phosphatase, S	105		IU/L	39 - 117	01
AST (SGOT)	24		IU/L	0 - 40	01
ALT (SGPT)	53	High	IU/L	0 - 44	01

Urinalysis, Routine

Urinalysis Gross Exam					01
Specific Gravity	1.034	High		1.005 - 1.030	01
pH	6.5			5.0 - 7.5	01
Urine-Color	Yellow			Yellow	01
Appearance	Clear			Clear	01
WBC Esterase	Negative			Negative	01
Protein	Negative			Negative/Trace	01
Glucose	3+	Abnormal		Negative	01
Ketones	Negative			Negative	01
Occult Blood	Negative			Negative	01
Bilirubin	Negative			Negative	01
Urobilinogen, Semi-Qn	1.0		mg/dL	0.2 - 1.0	01
Nitrite, Urine	Negative			Negative	01
Microscopic Examination					01
Microscopic not indicated and not performed.					

Lipid Panel With LDL/HDL Ratio

Cholesterol, Total	277	High	mg/dL	100 - 199	01
Triglycerides	463	High	mg/dL	0 - 149	01
HDL Cholesterol	33	Low	mg/dL	>39	01
Comment					01

According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.

VLDL Cholesterol Calc mg/dL 5 - 40

The calculation for the VLDL cholesterol is not valid when triglyceride level is >400 mg/dL.

LDL Cholesterol Calc mg/dL 0 - 99

Triglyceride result indicated is too high for an accurate LDL cholesterol estimation.

LDL/HDL Ratio

Unable to calculate result since non-numeric result obtained for component test.

Please Note:

01

LDL/HDL Ratio
Men Women
1/2 Avg.Risk 1.0 1.5

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			Avg.Risk	3.6	3.2	
			2X Avg.Risk	6.2	5.0	
			3X Avg.Risk	8.0	6.1	

Iron and TIBC

Iron Bind.Cap. (TIBC)	273		ug/dL	250 - 450		
UIBC	180		ug/dL	111 - 343		01
	Please note reference interval change					
Iron, Serum	93		ug/dL	38 - 169		01
	Please note reference interval change					
Iron Saturation	34		%	15 - 55		

Vitamin B12 and Folate

Vitamin B12	487		pg/mL	211 - 946		01
Folate (Folic Acid), Serum	10.7		ng/mL	>3.0		01
Note:						01

A serum folate concentration of less than 3.1 ng/mL is considered to represent clinical deficiency.

Hemoglobin A1c

Hemoglobin A1c	9.8	High	%	4.8 - 5.6		01
Please Note:						01
	Pre-diabetes: 5.7 - 6.4					
	Diabetes: >6.4					
	Glycemic control for adults with diabetes: <7.0					

TSH	1.680		uIU/mL	0.450 - 4.500		01
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Prostate-Specific Ag, Serum

Prostate Specific Ag, Serum	0.6		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 of the presence or absence of malignant disease.						

Vitamin D, 25-Hydroxy	10.5	Low	ng/mL	30.0 - 100.0		01
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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

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deficiency: an Endocrine Society clinical practice guideline. JCEM. 2011 Jul; 96(7):1911-30.					
Microalbumin, Random Urine					
Microalbumin, Urine	3.7		ug/mL	0.0 - 17.0	01
Verified by repeat analysis					
Ferritin, Serum					
	165		ng/mL	30 - 400	01

01	DA	LabCorp Dallas 7777 Forest Lane Suite C350, Dallas, TX 75230-2544	CN Etufugh, MD
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For inquiries, the physician may contact Branch: 972-566-7500 Lab: 972-598-6000