

Specimen ID:
 Control ID:

Acct #:

Phone:

Rte:

Patient Details

 DOB:
 Age(y/m/d):
 Gender: SSN:
 Patient ID:

Specimen Details

 Date collected:
 Date received:
 Date entered:
 Date reported:

Physician Details

 Ordering:
 Referring:
 ID: NPI:

General Comments & Additional Information
 Alternate Control Number:
 Total Volume:

Alternate Patient ID: Fasting:

Ordered Items

Vitamin A, E, Beta Carotene; CBC With Differential/Platelet; Comp. Metabolic Panel (14); Urinalysis, Complete; Lipid Panel w/ Chol/HDL Ratio; Iron and TIBC; Folate (Folic Acid), Serum; Vitamin B6, Plasma; Vitamin D, 25-Hydroxy; Coenzyme Q10, Total; Vitamin B1 (Thiamine), Blood; Vitamin C; Vitamin B12; Prealbumin; Venipuncture

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Vitamin A, E, Beta Carotene					
Carotene, Beta	30		ug/dL	3 - 91	
Vitamin A	42.0		ug/dL	20.1 - 62.0	
Reference intervals for vitamin A determined from LabCorp internal studies. Individuals with vitamin A less than 20 ug/dL are considered vitamin A deficient and those with serum concentrations less than 10 ug/dL are considered severely deficient. This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.					
Vitamin E (Alpha Tocopherol) ^A	12.6		mg/L	7.0 - 25.1	
Vitamin E (Gamma Tocopherol) ^A	0.4	Low	mg/L	0.5 - 5.5	
Reference intervals for alpha and gamma-tocopherol determined from National Health and Nutrition Examination Survey, 2005-2006. Individuals with alpha-tocopherol levels less than 5.0 mg/L are considered vitamin E deficient.					
CBC With Differential/Platelet					
WBC	6.9		x10E3/uL	3.4 - 10.8	
RBC	4.80		x10E6/uL	3.77 - 5.28	
Hemoglobin	12.2		g/dL	11.1 - 15.9	
Hematocrit	38.0		%	34.0 - 46.6	
MCV	79		fL	79 - 97	
MCH	25.4	Low	pg	26.6 - 33.0	
MCHC	32.1		g/dL	31.5 - 35.7	
RDW	16.6	High	%	12.3 - 15.4	
Platelets	284		x10E3/uL	150 - 379	
Neutrophils	51		%	Not Estab.	
Lymphs	32		%	Not Estab.	
Monocytes	8		%	Not Estab.	
Eos	8		%	Not Estab.	

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Basos	1		%	Not Estab.	
Neutrophils (Absolute)	3.6		x10E3/uL	1.4 - 7.0	
Lymphs (Absolute)	2.2		x10E3/uL	0.7 - 3.1	
Monocytes (Absolute)	0.5		x10E3/uL	0.1 - 0.9	
Eos (Absolute)	0.5	High	x10E3/uL	0.0 - 0.4	
Baso (Absolute)	0.1		x10E3/uL	0.0 - 0.2	
Immature Granulocytes	0		%	Not Estab.	
Immature Grans (Abs)	0.0		x10E3/uL	0.0 - 0.1	

Comp. Metabolic Panel (14)

Glucose	68		mg/dL	65 - 99	
BUN	9		mg/dL	6 - 24	
Creatinine	0.72		mg/dL	0.57 - 1.00	
eGFR If NonAfricn Am	97		mL/min/1.73	>59	
eGFR If Africn Am	111		mL/min/1.73	>59	
BUN/Creatinine Ratio	13			9 - 23	
Sodium	140		mmol/L	134 - 144	
Potassium	3.9		mmol/L	3.5 - 5.2	
Chloride	104		mmol/L	96 - 106	
Carbon Dioxide, Total	21		mmol/L	20 - 29	
Calcium	9.2		mg/dL	8.7 - 10.2	
Protein, Total	6.7		g/dL	6.0 - 8.5	
Albumin	4.2		g/dL	3.5 - 5.5	
Globulin, Total	2.5		g/dL	1.5 - 4.5	
A/G Ratio	1.7			1.2 - 2.2	
Bilirubin, Total	0.2		mg/dL	0.0 - 1.2	
Alkaline Phosphatase	88		IU/L	39 - 117	
AST (SGOT)	19		IU/L	0 - 40	
ALT (SGPT)	12		IU/L	0 - 32	

Urinalysis, Complete

Urinalysis Gross Exam					
Specific Gravity	1.019			1.005 - 1.030	
pH	5.5			5.0 - 7.5	
Urine-Color	Amber	Abnormal		Yellow	
Appearance	Cloudy	Abnormal		Clear	
WBC Esterase	Negative			Negative	
Protein	Negative			Negative/Trace	
Glucose	Negative			Negative	
Ketones	Negative			Negative	
Occult Blood	Negative			Negative	
Bilirubin	Negative			Negative	
Urobilinogen, Semi-Qn	0.2		mg/dL	0.2 - 1.0	

Date Issued:

FINAL REPORT

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TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Nitrite, Urine	Negative			Negative	
Microscopic Examination	Microscopic follows if indicated.				
Microscopic Examination	See below:				
Microscopic Examination	Microscopic was indicated and was performed.				
WBC	0-5		/hpf	0 - 5	
RBC	0-2		/hpf	0 - 2	
Epithelial Cells (non renal)	0-10		/hpf	0 - 10	
Casts	Present	Abnormal	/lpf	None seen	
Cast Type	Hyaline casts			N/A	
Mucus Threads	Present			Not Estab.	
Bacteria	Few			None seen/Few	
Lipid Panel w/ Chol/HDL Ratio					
Cholesterol, Total	168		mg/dL	100 - 199	
Triglycerides	123		mg/dL	0 - 149	
HDL Cholesterol	45		mg/dL	>39	
VLDL Cholesterol Calc	25		mg/dL	5 - 40	
LDL Cholesterol Calc	98		mg/dL	0 - 99	
T. Chol/HDL Ratio	3.7		ratio	0.0 - 4.4	
Please Note:	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
Iron and TIBC					
Iron Bind.Cap. (TIBC)	323		ug/dL	250 - 450	
UIBC	292		ug/dL	131 - 425	
Iron	31		ug/dL	27 - 159	
Iron Saturation	10	Low	%	15 - 55	
Folate (Folic Acid), Serum					
Folate (Folic Acid), Serum	>20.0		ng/mL	>3.0	
Note:	A serum folate concentration of less than 3.1 ng/mL is considered to represent clinical deficiency.				
Vitamin B6, Plasma					
Vitamin B6 ^A	16.9		ug/L	2.0 - 32.8	
Vitamin D, 25-Hydroxy					
Vitamin D 25-Hydroxy	30.3		ng/mL	30.0 - 100.0	
	Vitamin D deficiency has been defined by the Institute of				

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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.					
Coenzyme Q10, Total ^A	0.67		ug/mL	0.37 - 2.20	
Vitamin B1 (Thiamine), Blood Vit. B1, Whole Blood ^A	168.7		nmol/L	66.5 - 200.0	
Vitamin C	0.5		mg/dL	0.2 - 2.0	
Vitamin B12	638		pg/mL	232 - 1245	
Prealbumin	23		mg/dL	10 - 36	

Comments:

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