

### Ordered Items

CBC/Diff Ambiguous Default; Comp. Metabolic Panel (14); Lipid Panel; Hemoglobin A1c; Folate (Folic Acid), Serum; DHEA-Sulfate; Testosterone, Serum; TSH; Estradiol; Prostate-Specific Ag, Serum; Vitamin D, 25-Hydroxy; Testosterone, Free, Direct; Vitamin B12; Insulin; Ferritin, Serum; Sex Horm Binding Glob, Serum; Ambig Abbrev CMP14 Default; Ambig Abbrev LP Default; Venipuncture

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
<b>CBC/Diff Ambiguous Default</b>					
WBC	5.7		x10E3/uL	3.4 - 10.8	01
RBC	5.46		x10E6/uL	4.14 - 5.80	01
Hemoglobin	16.6		g/dL	13.0 - 17.7	01
Hematocrit	51.0		%	37.5 - 51.0	01
MCV	93		fL	79 - 97	01
MCH	30.4		pg	26.6 - 33.0	01
MCHC	32.5		g/dL	31.5 - 35.7	01
RDW	13.6		%	12.3 - 15.4	01
Platelets	321		x10E3/uL	150 - 379	01
Neutrophils	56		%	Not Estab.	01
Lymphs	31		%	Not Estab.	01
Monocytes	10		%	Not Estab.	01
Eos	2		%	Not Estab.	01
Basos	1		%	Not Estab.	01
Neutrophils (Absolute)	3.2		x10E3/uL	1.4 - 7.0	01
Lymphs (Absolute)	1.7		x10E3/uL	0.7 - 3.1	01
Monocytes (Absolute)	0.6		x10E3/uL	0.1 - 0.9	01
Eos (Absolute)	0.1		x10E3/uL	0.0 - 0.4	01
Baso (Absolute)	0.1		x10E3/uL	0.0 - 0.2	01
Immature Granulocytes	0		%	Not Estab.	01
Immature Grans (Abs)	0.0		x10E3/uL	0.0 - 0.1	01
<b>Comp. Metabolic Panel (14)</b>					
Glucose, Serum	98		mg/dL	65 - 99	01
BUN	21		mg/dL	6 - 24	01
Creatinine, Serum	0.83		mg/dL	0.76 - 1.27	01
eGFR If NonAfricn Am	109		mL/min/1.73	>59	
eGFR If Africn Am	125		mL/min/1.73	>59	

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
BUN/Creatinine Ratio	25	High		9 - 20	
Sodium, Serum	139		mmol/L	134 - 144	01
Potassium, Serum	5.2		mmol/L	3.5 - 5.2	01
Chloride, Serum	97		mmol/L	96 - 106	01
Carbon Dioxide, Total	26		mmol/L	18 - 29	01
Calcium, Serum	9.7		mg/dL	8.7 - 10.2	01
Protein, Total, Serum	6.9		g/dL	6.0 - 8.5	01
Albumin, Serum	4.7		g/dL	3.5 - 5.5	01
Globulin, Total	2.2		g/dL	1.5 - 4.5	
A/G Ratio	2.1			1.2 - 2.2	
Bilirubin, Total	0.3		mg/dL	0.0 - 1.2	01
Alkaline Phosphatase, S	56		IU/L	39 - 117	01
AST (SGOT)	31		IU/L	0 - 40	01
ALT (SGPT)	43		IU/L	0 - 44	01
Lipid Panel					
Cholesterol, Total	274	High	mg/dL	100 - 199	01
Triglycerides	121		mg/dL	0 - 149	01
HDL Cholesterol	22	Low	mg/dL	>39	01
VLDL Cholesterol Calc	24		mg/dL	5 - 40	
LDL Cholesterol Calc	228	High	mg/dL	0 - 99	
Hemoglobin A1c					
Hemoglobin A1c	5.0		%	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					
Folate (Folic Acid), Serum					
Folate (Folic Acid), Serum	>20.0		ng/mL	>3.0	01
Note:					01
A serum folate concentration of less than 3.1 ng/mL is considered to represent clinical deficiency.					
DHEA-Sulfate	309.9		ug/dL	102.6 - 416.3	01
Testosterone, Serum	960	High	ng/dL	264 - 916	01
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.					
TSH	1.200		uIU/mL	0.450 - 4.500	01
Estradiol	16.1		pg/mL	7.6 - 42.6	01
Roche ECLIA methodology					

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#### Prostate-Specific Ag, Serum

Prostate Specific Ag, Serum	0.4		ng/mL	0.0 - 4.0	01
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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	42.7		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 deficiency: an Endocrine Society clinical practice guideline. JCEM. 2011 Jul; 96(7):1911-30.

#### Testosterone, Free, Direct

Free Testosterone(Direct)	33.0	High	pg/mL	6.8 - 21.5	01
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Vitamin B12	1813	High	pg/mL	232 - 1245	01
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Insulin	14.1		uIU/mL	2.6 - 24.9	01
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Ferritin, Serum	252		ng/mL	30 - 400	01
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Sex Horm Binding Glob, Serum	9.6	Low	nmol/L	16.5 - 55.9	01
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Ambig Abbrev CMP14 Default					01
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A hand-written panel/profile was received from your office. In accordance with the LabCorp Ambiguous Test Code Policy dated July 2003, we have completed your order by using the closest currently or formerly recognized AMA panel. We have assigned Comprehensive Metabolic Panel (14), Test Code #322000 to this request. If this is not the testing you wished to receive on this specimen, please contact the LabCorp Client Inquiry/Technical Services Department to clarify the test order. We appreciate your business.

Ambig Abbrev LP Default					01
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A hand-written panel/profile was received from your office. In



TESTS	RESULT	FLAG	UNITS	REFERENCE	INTERVAL	LAB
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accordance with the LabCorp Ambiguous Test Code Policy dated July 2003, we have completed your order by using the closest currently or formerly recognized AMA panel. We have assigned Lipid Panel, Test Code #303756 to this request. If this is not the testing you wished to receive on this specimen, please contact the LabCorp Client Inquiry/Technical Services Department to clarify the test order. We appreciate your business.