

General Comments & Additional Information

Total Volume: Not Provided

Fasting: Yes

Ordered Items

CMP14+LP+TP+TSH+PSA+PrI+FSH...

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
CMP14+LP+TP+TSH+PSA+PrI+FSH...					
Chemistries					01
Glucose	91		mg/dL	65 - 99	01
BUN	16		mg/dL	6 - 24	01
Creatinine	1.10		mg/dL	0.76 - 1.27	01
eGFR If NonAfricn Am	81		mL/min/1.73	>59	
eGFR If Africn Am	93		mL/min/1.73	>59	
BUN/Creatinine Ratio	15			9 - 20	
Sodium	140		mmol/L	134 - 144	01
Potassium	4.8		mmol/L	3.5 - 5.2	01
Chloride	102		mmol/L	96 - 106	01
Carbon Dioxide, Total	24		mmol/L	20 - 29	01
Calcium	9.6		mg/dL	8.7 - 10.2	01
Protein, Total	7.2		g/dL	6.0 - 8.5	01
Albumin	4.8		g/dL	3.5 - 5.5	01
Globulin, Total	2.4		g/dL	1.5 - 4.5	
A/G Ratio	2.0			1.2 - 2.2	
Bilirubin, Total	0.4		mg/dL	0.0 - 1.2	01
Alkaline Phosphatase	61		IU/L	39 - 117	01
AST (SGOT)	30		IU/L	0 - 40	01
ALT (SGPT)	64	High	IU/L	0 - 44	01
Lipids					01
Cholesterol, Total	157		mg/dL	100 - 199	01
Triglycerides	76		mg/dL	0 - 149	01
HDL Cholesterol	35	Low	mg/dL	>39	01
VLDL Cholesterol Calc	15		mg/dL	5 - 40	
LDL Cholesterol Calc	107	High	mg/dL	0 - 99	
Thyroid					01

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
TSH	2.530		uIU/mL	0.450 - 4.500	01
Thyroxine (T4)	6.2		ug/dL	4.5 - 12.0	01
T3 Uptake	29		%	24 - 39	01
Free Thyroxine Index	1.8			1.2 - 4.9	
Triiodothyronine (T3)	106		ng/dL	71 - 180	01
Immunoassay					01
Prostate Specific Ag, Serum	1.5		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.					
Cortisol	6.9		ug/dL		01
			Cortisol AM	6.2 - 19.4	
			Cortisol PM	2.3 - 11.9	
Insulin-Like Growth Factor I	150		ng/mL	75 - 216	02
Testosterone, Serum	59	Low	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.					
Free Testosterone(Direct)	4.4	Low	pg/mL	6.8 - 21.5	02
LH	2.9		mIU/mL	1.7 - 8.6	01
FSH	2.9		mIU/mL	1.5 - 12.4	01
Prolactin	7.5		ng/mL	4.0 - 15.2	01
DHEA-Sulfate	224.0		ug/dL	71.6 - 375.4	01
Estradiol	18.0		pg/mL	7.6 - 42.6	01
Roche ECLIA methodology					
Vitamin D, 25-Hydroxy	34.9		ng/mL	30.0 - 100.0	01
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.					
CBC and Platelet Ct					01

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
WBC	6.1		x10E3/uL	3.4 - 10.8	01
RBC	5.23		x10E6/uL	4.14 - 5.80	01
Hemoglobin	15.1		g/dL	13.0 - 17.7	01
Hematocrit	48.0		%	37.5 - 51.0	01
MCV	92		fL	79 - 97	01
MCH	28.9		pg	26.6 - 33.0	01
MCHC	31.5		g/dL	31.5 - 35.7	01
RDW	14.2		%	12.3 - 15.4	01
Platelets	216		x10E3/uL	150 - 450	01



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