

Specimen ID:

Acct #:

Phone:

Rte:

Control ID:



Patient Details		Specimen Details		Physician Details	
DOB:		Date collected:	04/03/2020 0843 Local	Ordering:	
Age(y/m/d):		Date received:	04/03/2020	Referring:	
Gender:	SSN:	Date entered:	04/03/2020	ID:	
Patient ID:		Date reported:	04/04/2020 1135 ET	NPI:	

General Comments & Additional Information

Alternate Control Number:

Alternate Patient ID: Not Provided

Total Volume:

Fasting: Yes

Ordered Items

TSH+Free T4; CBC With Differential/Platelet; Lipid Panel w/ Chol/HDL Ratio; Hepatic Function Panel (7); Testosterone,Free and Total; Luteinizing Hormone(LH), S; Prolactin; Estradiol; Prostate-Specific Ag, Serum; Vitamin D, 25-Hydroxy; Triiodothyronine (T3), Free; Drawing Fee

TESTS	RESULT	FLAG	UNITS	REFERENCE	INTERVAL	LAB
TSH+Free T4						
TSH	1.020		uIU/mL	0.450	- 4.500	01
T4, Free (Direct)	1.54		ng/dL	0.82	- 1.77	01
CBC With Differential/Platelet						
WBC	3.9		x10E3/uL	3.4	- 10.8	01
RBC	5.32		x10E6/uL	4.14	- 5.80	01
Hemoglobin	15.1		g/dL	13.0	- 17.7	01
Hematocrit	46.5		%	37.5	- 51.0	01
MCV	87		fL	79	- 97	01
MCH	28.4		pg	26.6	- 33.0	01
MCHC	32.5		g/dL	31.5	- 35.7	01
RDW	12.5		%	11.6	- 15.4	01
Platelets	205		x10E3/uL	150	- 450	01
Neutrophils	63		%	Not Estab.		01
Lymphs	25		%	Not Estab.		01
Monocytes	10		%	Not Estab.		01
Eos	1		%	Not Estab.		01
Basos	1		%	Not Estab.		01
Neutrophils (Absolute)	2.5		x10E3/uL	1.4	- 7.0	01
Lymphs (Absolute)	1.0		x10E3/uL	0.7	- 3.1	01
Monocytes (Absolute)	0.4		x10E3/uL	0.1	- 0.9	01
Eos (Absolute)	0.0		x10E3/uL	0.0	- 0.4	01
Baso (Absolute)	0.0		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
Lipid Panel w/ Chol/HDL Ratio						
Cholesterol, Total	193		mg/dL	100	- 199	01

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Triglycerides	63		mg/dL	0 - 149		01
HDL Cholesterol	43		mg/dL	>39		01
VLDL Cholesterol Cal	13		mg/dL	5 - 40		
LDL Cholesterol Calc	137	High	mg/dL	0 - 99		
T. Chol/HDL Ratio	4.5		ratio	0.0 - 5.0		
Please Note:						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						

Hepatic Function Panel (7)

Protein, Total	6.9		g/dL	6.0 - 8.5		01
Albumin	4.6		g/dL	4.0 - 5.0		01
Bilirubin, Total	0.7		mg/dL	0.0 - 1.2		01
Bilirubin, Direct	0.18		mg/dL	0.00 - 0.40		01
Alkaline Phosphatase	96		IU/L	39 - 117		01
AST (SGOT)	20		IU/L	0 - 40		01
ALT (SGPT)	16		IU/L	0 - 44		01

Testosterone,Free and Total

Testosterone, Serum	717		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)	11.3		pg/mL	8.7 - 25.1		01

Luteinizing Hormone(LH), S

LH	3.6		mIU/mL	1.7 - 8.6		01
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Prolactin	16.2	High	ng/mL	4.0 - 15.2		01
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Estradiol	20.6		pg/mL	7.6 - 42.6		01
Roche ECLIA methodology						

Prostate-Specific Ag, Serum

Prostate Specific Ag, Serum	2.6		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.						

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Vitamin D, 25-Hydroxy	25.9	Low	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.						
Triiodothyronine (T3), Free	3.4		pg/mL	2.0	- 4.4	01

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For inquiries, the physician may contact Branch: 800-762-4344 Lab: 800-762-4344