

LabCorp

PATIENT INFORMATION

REPORT STATUS: FINAL

SPECIMEN INFORMATION

ORDERING PHYSICIAN

SPECIMEN:

DOB:

REQUISITION:

AGE:

CLIENT INFORMATION

LAB REF NO:

GENDER: Male

FASTING: Yes

Private MD Labs

445 Hwy 46S

Suite 29-214

Dickson, TN 37055

COLLECTED: 2018/08/29 07:34

Clinical Info:

RECEIVED: 2018/08/29 00:00

NO CHANGES (DEMOGRAPHIC OR
OTHER) ARE

REPORTED: 2018/09/01 10:08

Test Name	Result	Flag	Reference Range	Lab
TSH+Free T4				
TSH	2.340		0.450-4.500 uIU/mL	01
T4,Free(Direct)	1.47		0.82-1.77 ng/dL	01
CBC With Differential/Platelet				
WBC	4.5		3.4-10.8 x10E3/uL	01
RBC	4.92		4.14-5.80 x10E6/uL	01
Hemoglobin	14.7		13.0-17.7 g/dL	01
Hematocrit	43.6		37.5-51.0 %	01
MCV	89		79-97 fL	01
MCH	29.9		26.6-33.0 pg	01
MCHC	33.7		31.5-35.7 g/dL	01
RDW	13.8		12.3-15.4 %	01
Platelets	291		150-379 x10E3/uL	01
Neutrophils	47		Not Estab. %	01
Lymphs	42		Not Estab. %	01
Monocytes	8		Not Estab. %	01
Eos	3		Not Estab. %	01
Basos	0		Not Estab. %	01
Neutrophils (Absolute)	2.1		1.4-7.0 x10E3/uL	01
Lymphs (Absolute)	1.9		0.7-3.1 x10E3/uL	01
Monocytes(Absolute)	0.4		0.1-0.9 x10E3/uL	01
Eos (Absolute)	0.1		0.0-0.4 x10E3/uL	01
Baso (Absolute)	0.0		0.0-0.2 x10E3/uL	01
Immature Granulocytes	0		Not Estab. %	01
Immature Grans (Abs)	0.0		0.0-0.1 x10E3/uL	01
Comp. Metabolic Panel (14)				
Glucose	104	HIGH	65-99 mg/dL	01
BUN	16		6-20 mg/dL	01
Creatinine	1.14		0.76-1.27 mg/dL	01
eGFR If NonAfricn Am	83		>59 mL/min/1.73	01
eGFR If Africn Am	96		>59 mL/min/1.73	01
BUN/Creatinine Ratio	14		9-20	01
Sodium	139		134-144 mmol/L	01
Potassium	4.5		3.5-5.2 mmol/L	01
Chloride	98		96-106 mmol/L	01
Carbon Dioxide, Total	25		20-29 mmol/L	01
Calcium	9.8		8.7-10.2 mg/dL	01
Protein, Total	7.4		6.0-8.5 g/dL	01
Albumin	4.8		3.5-5.5 g/dL	01
Globulin, Total	2.6		1.5-4.5 g/dL	01
A/G Ratio	1.8		1.2-2.2	01
Bilirubin, Total	0.7		0.0-1.2 mg/dL	01
Alkaline Phosphatase	42		39-117 IU/L	01
AST (SGOT)	24		0-40 IU/L	01
ALT (SGPT)	18		0-44 IU/L	01
Lipid Panel				
Cholesterol, Total	246	HIGH	100-199 mg/dL	01
Triglycerides	85		0-149 mg/dL	01
HDL Cholesterol	59		>39 mg/dL	01
VLDL Cholesterol Cal	17		5-40 mg/dL	01
LDL Cholesterol Calc	170	HIGH	0-99 mg/dL	01

FSH and LH

LH	3.6	1.7-8.6 mIU/mL	01
FSH	2.1	1.5-12.4 mIU/mL	01

Testosterone, Free+Total LC/MS

Testosterone, Total, LC/MS	645.0	264.0-916.0 ng/dL	02
----------------------------	-------	-------------------	----

This LabCorp LC/MS-MS method is currently certified by the CDC Hormone Standardization Program (HoSt). 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)	13.7	8.7-25.1 pg/mL	02
---------------------------	------	----------------	----

Hemoglobin A1c

Hemoglobin A1c	5.6	4.8-5.6 %	01
----------------	-----	-----------	----

Prediabetes: 5.7 - 6.4

Diabetes: >6.4

Glycemic control for adults with diabetes: <7.0

DHEA-Sulfate

DHEA-Sulfate	255.9	102.6-416.3 ug/dL	01
--------------	-------	-------------------	----

Cortisol

Cortisol	18.0	ug/dL	01
	Cortisol AM	6.2 - 19.4	
	Cortisol PM	2.3 - 11.9	

DHEA, Serum

Dehydroepiandrosterone (DHEA)	369	31-701 ng/dL	02
-------------------------------	-----	--------------	----

Age

1 - 5 years	0 - 67
6 - 7 years	0 - 110
8 - 10 years	0 - 185
11 - 12 years	0 - 201
13 - 14 years	0 - 318
15 - 16 years	39 - 481
17 - 19 years	40 - 491
>19 years	31 - 701

This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.

Estradiol

Estradiol	35.3	7.6-42.6 pg/mL	01
-----------	------	----------------	----

Roche ECLIA methodology

Prostate-Specific Ag, Serum

Prostate Specific Ag, Serum	0.9	0.0-4.0 ng/mL	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.

IGF-1

Insulin-Like Growth Factor I	194	88-246 ng/mL	02
------------------------------	-----	--------------	----

Vitamin D, 25-Hydroxy

Vitamin D, 25-Hydroxy	60.1	30.0-100.0 ng/mL	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

Triiodothyronine (T3), Free	3.1	2.0-4.4 pg/mL	01
-----------------------------	-----	---------------	----

Sex Horm Binding Glob, Serum

Sex Horm Binding Glob, Serum	44.5	16.5-55.9 nmol/L	01
------------------------------	------	------------------	----

Performing Laboratory Information:

01: LabCorp San Diego, 13112 Evening Creek Dr So Ste 200, San Diego CA, phone: 858-668-3700

Medical Director: MD Jenny R Galloway

02: LabCorp Burlington, 1447 York Court, Burlington NC, phone: 800-762-4344

Medical Director: MD William F Hancock