

Occult Blood	Negative	Negative	01
Bilirubin	Negative	Negative	01
Urobilinogen, Semi-Qn	0.2	0.2-1.0 mg/dL	01
Nitrite, Urine	Negative	Negative	01
Microscopic Examination	Comment		01

Microscopic not indicated and not performed.

Lipid Panel

Cholesterol, Total	318	100-200 HIGH	100-199 mg/dL	01
Triglycerides	97	Under 100	0-149 mg/dL	01
HDL Cholesterol	68	Over 55	>39 mg/dL	01

According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.

VLDL Cholesterol Cal	19		5-40 mg/dL	01
LDL Cholesterol Calc	231	Less than 100 HIGH	0-99 mg/dL	01

Iron and TIBC

Iron Bind.Cap. (TIBC)	254		250-450 ug/dL	01
UIBC	184		111-343 ug/dL	01
Iron, Serum	70		38-169 ug/dL	01
Iron Saturation	28		15-55 %	01

Testosterone, Free and Total

Testosterone, Serum	377	600-900	348-1197 ng/dL	01
Comment:	Comment			01

Adult male reference interval is based on a population of lean males up to 40 years old.

Free Testosterone (Direct)	4.6	15-26.5 LOW	7.2-24.0 pg/mL	02
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Hemoglobin A1c

Hemoglobin A1c	6.2	<4.5% HIGH	4.8-5.6 %	01
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Pre-diabetes: 5.7 - 6.4

Diabetes: >6.4

Glycemic control for adults with diabetes: <7.0

Thyroxine (T4) Free, Direct, S

T4, Free (Direct)	1.46		0.82-1.77 ng/dL	01
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DHEA-Sulfate

DHEA-Sulfate	150.4	400-500	71.6-375.4 ug/dL	01
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TSH

TSH	1.630	1.35-2.1	0.450-4.500 uIU/mL	01
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Luteinizing Hormone (LH), S

LH	6.1	1.5-9.3	1.7-8.6 mIU/mL	01
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FSH, Serum

FSH	3.4	1.24-7.0	1.5-12.4 mIU/mL	01
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Prostate-Specific Ag, Serum

Prostate Specific Ag, Serum	0.8	0-2.6	0.0-4.0 ng/mL	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.

IGF-1

Insulin-Like Growth Factor I	129	90-150	67-205 ng/mL	02
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C-Reactive Protein, Cardiac

C-Reactive Protein, Cardiac	3.28	HIGH	0.00-3.00 mg/L	01
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Relative Risk for Future Cardiovascular Event

Low <1.00

Average 1.00 - 3.00

High >3.00

Estradiol, Sensitive

Estradiol, Sensitive	19.1	10-30	8.0-35.0 pg/mL	02
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This test was developed and its performance characteristics determined by LabCorp. It has not been cleared by the Food and

250 mg

LabCorp

PATIENT INFORMATION

Marshall, James

REPORT STATUS: FINAL

SPECIMEN INFORMATION

SPECIMEN: 12530537720

REQUISITION: 26533726

LAB REF NO:

COLLECTED: 2016/05/04 10:49

RECEIVED: 2016/05/04 11:43

REPORTED: 2016/05/09 06:06

DOB: September 20, 1965

AGE: 50

GENDER: Male

FASTING: Yes

Clinical Info:

NO CHANGES (DEMOGRAPHIC OR
OTHER) ARE

ORDERING PHYSICIAN

Stewart, Robert

CLIENT INFORMATION

2016-05-09 06:06:00 -0700

Private MD Labs

445 Hwy 46S

Suite 29-214

Dickson, TN 37055

Test Name	Result	Flag	Reference Range	Lab
CBC With Differential/Platelet				
WBC	3.8		3.4-10.8 x10E3/uL	01
RBC	5.08		4.14-5.80 x10E6/uL	01
Hemoglobin	14.9		12.6-17.7 g/dL	01
Hematocrit	43.8		37.5-51.0 %	01
MCV	86		79-97 fL	01
MCH	29.3		26.6-33.0 pg	01
MCHC	34.0		31.5-35.7 g/dL	01
RDW	14.5		12.3-15.4 %	01
Platelets	188		150-379 x10E3/uL	01
Neutrophils	47		%	01
Lymphs	40		%	01
Monocytes	10		%	01
EOS	2		%	01
Basos	1		%	01
Neutrophils (Absolute)	1.8		1.4-7.0 x10E3/uL	01
Lymphs (Absolute)	1.5		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		%	01
Immature Grans (Abs)	0.0		0.0-0.1 x10E3/uL	01
Comp. Metabolic Panel (14)				
Glucose, Serum	100	HIGH	65-99 mg/dL	01
BUN	15		6-24 mg/dL	01
Creatinine, Serum	0.99		0.76-1.27 mg/dL	01
eGFR If NonAfricn Am	88		>59 mL/min/1.73	01
eGFR If Africn Am	102		>59 mL/min/1.73	01
BUN/Creatinine Ratio	15		9-20	01
Sodium, Serum	145	HIGH	134-144 mmol/L	01
Potassium, Serum	4.9		3.5-5.2 mmol/L	01
Chloride, Serum	102		97-108 mmol/L	01
Carbon Dioxide, Total	24		18-29 mmol/L	01
Calcium, Serum	9.9		8.7-10.2 mg/dL	01
Protein, Total, Serum	7.4		6.0-8.5 g/dL	01
Albumin, Serum	4.6		3.5-5.5 g/dL	01
Globulin, Total	2.8		1.5-4.5 g/dL	01
A/G Ratio	1.6		1.1-2.5	01
Bilirubin, Total	0.4		0.0-1.2 mg/dL	01
Alkaline Phosphatase, S	79		39-117 IU/L	01
AST (SGOT)	27		0-40 IU/L	01
ALT (SGPT)	19		0-44 IU/L	01
Urinalysis, Routine				
Specific Gravity	1.015		1.005-1.030	01
pH	6.0		5.0-7.5	01
Urine-Color	Yellow		Yellow	01
Appearance	Clear		Clear	01
WBC Esterase	Negative		Negative	01
Protein	Negative		Negative/Trace	01
Glucose	Negative		Negative	01
Ketones	1+	ABNORMAL	Negative	01

Drug Administration.

Methodology: Liquid chromatography tandem mass spectrometry (LC/MS/MS)

GGT				
GGT	18	6+037	0-65 IU/L	01
Magnesium, Serum				
Magnesium, Serum	2.0	1.8+03	1.6-2.3 mg/dL	01
Insulin				
Insulin	7.2	Less than 5	2.6-24.9 uIU/mL	01
Ferritin, Serum				
Ferritin, Serum	284	40-60	30-400 ng/mL	01
Sex Horm Binding Glob, Serum				
Sex Horm Binding Glob, Serum	46.8	under 30 HIGH	19.3-76.4 nmol/L	01

Performing Laboratory Information:

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Medical Director: MD William F Hancock