

Specimen Number 318-755-5285-0	Patient ID	Control Number 31875552850	Account Number 09357925	Account Phone Number 813-445-7342	Rte
Patient Last Name BRUCE			Account Address		
Patient First Name JASEN		Patient Middle Name		Defy Medical, LLC 2901 St. Isabel Street, Suite E Tampa, FL 33607	
Patient SS#	Patient Phone	Total Volume			
Age (Y/M/D) 33/4/5	Date of Birth 07/09/81	Sex M	Fasting Yes		
Patient Address			Additional Information		
Date and Time Collected 11/14/14 17:16	Date Entered 11/14/14	Date and Time Reported 11/19/14 05:38ET	Physician Name SAYA, J	NPI 1093940041	Physician ID 1093940041
Tests Ordered CBC With Differential/Platelet;Comp. Metabolic Panel (14);Lipid Panel w/ Chol/HDL Ratio;Testosterone,Free and Total;Dihydrotestosterone;DHEA-Sulfate;Prostate-Specific Ag, Serum;IGF-1;Vitamin D, 25-Hydroxy;Estradiol, Sensitive;Sex Horm Binding Glob, Serum;Cardiovascular Risk Assessment					
General Comments PID:					

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
CBC With Differential/Platelet					
WBC	10.6		x10E3/uL	3.4-10.8	01
RBC	5.43		x10E6/uL	4.14-5.80	01
Hemoglobin	16.3		g/dL	12.6-17.7	01
Hematocrit	48.0		%	37.5-51.0	01
MCV	88		fL	79-97	01
MCH	30.0		pg	26.6-33.0	01
MCHC	34.0		g/dL	31.5-35.7	01
RDW	13.8		%	12.3-15.4	01
Platelets	247		x10E3/uL	150-379	01
Neutrophils	75		%		01
Lymphs	18		%		01
Monocytes	6		%		01
Eos	1		%		01
Basos	0		%		01
Neutrophils (Absolute)	7.9	High	x10E3/uL	1.4-7.0	01
Lymphs (Absolute)	1.9		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)	0.0		x10E3/uL	0.0-0.2	01
Immature Granulocytes	0		%		01
Immature Grans (Abs)	0.0		x10E3/uL	0.0-0.1	01
Comp. Metabolic Panel (14)					
Glucose, Serum	78		mg/dL	65-99	01
BUN	14		mg/dL	6-20	01
Creatinine, Serum	1.07		mg/dL	0.76-1.27	01
eGFR If NonAfricn Am	91		mL/min/1.73	>59	01
eGFR If Africn Am	105		mL/min/1.73	>59	01
BUN/Creatinine Ratio	13			8-19	01

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Patient First Name JASEN		Patient Middle Name			
Patient SS#	Patient Phone	Total Volume			
Age (Y/M/D) 33/4/5	Date of Birth 07/09/81	Sex M	Fasting Yes		
Patient Address			Additional Information		
Date and Time Collected 11/14/14 17:16	Date Entered 11/14/14	Date and Time Reported 11/19/14 05:38ET	Physician Name SAYA, J	NPI 1093940041	Physician ID 1093940041

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Sodium, Serum	141		mmol/L	134-144	01
Potassium, Serum	3.9		mmol/L	3.5-5.2	01
Chloride, Serum	99		mmol/L	97-108	01
Carbon Dioxide, Total	24		mmol/L	18-29	01
Calcium, Serum	9.6		mg/dL	8.7-10.2	01
Protein, Total, Serum	6.9		g/dL	6.0-8.5	01
Albumin, Serum	5.1		g/dL	3.5-5.5	01
Globulin, Total	1.8		g/dL	1.5-4.5	01
A/G Ratio	2.8	High		1.1-2.5	01
Bilirubin, Total	0.4		mg/dL	0.0-1.2	01
Alkaline Phosphatase, S	41		IU/L	39-117	01
AST (SGOT)	17		IU/L	0-40	01
ALT (SGPT)	20		IU/L	0-44	01
Lipid Panel w/ Chol/HDL Ratio					
Cholesterol, Total	175		mg/dL	100-199	01
Triglycerides	93		mg/dL	0-149	01
HDL Cholesterol	48		mg/dL	>39	01
According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.					
VLDL Cholesterol Cal	19		mg/dL	5-40	01
LDL Cholesterol Calc	108	High	mg/dL	0-99	01
T. Chol/HDL Ratio	3.6		ratio units	0.0-5.0	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

Testosterone, Free and Total

Testosterone, Serum	790	ng/dL	348-1197	01
Comment:				01

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

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TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
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Free Testosterone (Direct)	26.2	High	pg/mL	8.7-25.1	02
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Dihydrotestosterone

Dihydrotestosterone	79		ng/dL		03
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Reference Range:
Adult Male: 30 - 85

DHEA-Sulfate

DHEA-Sulfate	208.4		ug/dL	138.5-475.2	01
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Prostate-Specific Ag, Serum

Prostate Specific Ag, Serum	0.8		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.

IGF-1

Insulin-Like Growth Factor I	250	High	ng/mL	88-246	02
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Vitamin D, 25-Hydroxy

Vitamin D, 25-Hydroxy	21.4	Low	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.

Estradiol, Sensitive

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Patient First Name JASEN		Patient Middle Name			Defy Medical, LLC		
Patient SS#		Patient Phone		Total Volume	2901 St. Isabel Street, Suite E		
Age (Y/M/D) 33/4/5		Date of Birth 07/09/81	Sex M	Fasting Yes	Tampa, FL 33607		
Patient Address					Additional Information		
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TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Estradiol, Sensitive	16		pg/mL	3-70	02
	Male	Female			
	0- 6 yrs. 0 - 15	0 - 15			
	7-10 yrs. 0 - 15	0 - 70			
	11-12 yrs. 0 - 40	10 - 300			
	13-15 yrs. 0 - 45	10 - 300			
	>15 yrs. 3 - 70	See Below			
	Ovulating Female				
	Follicular Phase	9 - 175			
	Luteal Phase	44 - 196			
	Periovulatory	107 - 281			
	Oral Contraceptives	0 - 91			
	Postmenopausal				
	Treated	42 - 289			
	Untreated	0 - 19			

Estradiol results obtained with different assay methods cannot be used interchangeably. It is recommended that only one assay method be used consistently to monitor serial patient results.

Sex Horm Binding Glob, Serum

Sex Horm Binding Glob, Serum **14.7** **Low** nmol/L 16.5-55.9 01

Cardiovascular Risk Assessment

Interpretation Note 04

For Interpretations, please refer to Litholink CDS Patient Report.

PDF Image . 04

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TESTS	RESULT	FLAG	UNITS	REFERENCE	INTERVAL	LAB
01 TA LabCorp Tampa 5610 W LaSalle Street, Tampa, FL 336071770 For inquiries, the physician may contact: Branch: 800-877-5227						Dir: Farrier, Sean MD Lab: 800-877-5227
02 BN LabCorp Burlington 1447 York Court, Burlington, NC 272153361 For inquiries, the physician may contact: Branch: 800-762-4344						Dir: Hancock, William F MD Lab: 800-762-4344
03 ES Esoterix Endocrinology 4301 Lost Hills Road, Calabasas Hills, CA For inquiries, the physician may contact: Branch: 800-444-9111						Dir: Pepkowitz, Samuel MD Lab: 800-444-9111
04 (\$ Litholink Corporation 2255 W Harrison Street Ste B, Chicago, IL For inquiries, the physician may contact: Branch: 312-243-0600						Dir: Laks, Mitchell PhD Lab: 312-243-0600

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