

Patient:	Patient, Test	Accession:	126592
Patient #:	198169818	Birth:	5/21/1962
Doctor:	Brown, J. Morgan	Age:	58 years
		Gender:	Male
		Collection Date:	7/29/2020 7:40 AM
		Received Date:	7/29/2020 7:40 AM
Organization:	Precision Labs		

Test Name	Result	Units	Flag	Reference Range/Cutoff
<b>Chemistry</b>				
<b>Comprehensive Metabolic Panel (CMP)</b>				
<i>Run by JP on 7/29/2020 8:58:06 AM at Location: LPRC-001</i>				
Albumin	4.3	g/dL		3.5 - 5.0
Alkaline Phosphatase	50	U/L		40 - 150
ALT (SGPT)	10	U/L		0 - 55
Anion Gap, Calculated	170	CALC	<b>HIGH</b>	7 - 34
AST (SGOT)	12	U/L		5 - 34
Total Bilirubin	1.1	mg/dL		0.2 - 1.2
Calcium	9.0	mg/dL		8.4 - 10.8
Carbon Dioxide (CO2)	26	mEq/L		22 - 29
Chloride	105	mmol/L		98 - 107
Creatinine, Serum	1.0	mg/dL		0.7 - 1.3
eGFR (African American), Calculated	> 60	mL/min/1.73m <sup>2</sup>	<b>NORMAL</b>	>60
Notes:	Chronic kidney disease (CKD) is defined as the presence of: persistent and usually progressive reduction in GFR (GFR <60 mL/min/1.73 m <sup>2</sup> )			
eGFR (Non-African American), Calculated	> 60	mL/min/1.73m <sup>2</sup>	<b>NORMAL</b>	>60
Notes:	Chronic kidney disease (CKD) is defined as the presence of: persistent and usually progressive reduction in GFR (GFR <60 mL/min/1.73 m <sup>2</sup> )			
Globulin, Calculated	2.7	g/dL		
Glucose	350	mg/dL	<b>HIGH</b>	70 - 105
Notes:	Reference Ranges established for fasting blood sugars. Non-fasting results may be higher.			
Potassium	1.2	mmol/L	<b>CRITICAL LOW</b>	3.5 - 5.1
	Critical result called to by on at with readback.			
Total Protein	7.0	g/dL		6.4 - 8.3
Sodium	> 189	mmol/L	<b>CRITICAL HIGH</b>	136 - 145
	Critical result called to by on at with readback.			
Urea Nitrogen (BUN)	12.0	mg/dL		8.4 - 25.7
BUN/Creatinine Ratio, Calculated	12.0	CALC		8.0 - 36.0
Albumin/Globulin Ratio, Calculated	1.6	Ratio		0.6 - 2.2

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<b>Chemistry</b>				
<b>Lipid Panel</b> <i>Run by JP on 7/29/2020 8:57:12 AM at Location: LPRC-001</i>				
Total Cholesterol	200	mg/dL	<b>BORDERLINE LOW</b>	199 - 240
HDL Cholesterol	> 179	mg/dL	<b>HIGH</b>	>60
LDL Cholesterol (Calculated)	-133	mg/dL	<b>LOW</b>	0 - 160
Triglycerides	166	mg/dL		149 - 200
Notes:	<ul style="list-style-type: none"> <li>• Normal = &lt; 150 mg/dL</li> <li>• Borderline High = 150 to 199 mg/dL</li> <li>• High = 200 to 499 mg/dL</li> <li>• Very High = = 500 mg/dL</li> </ul>			
HDL Risk Factor	4.0	CALC	<b>LOW</b>	4.2 - 7.0
vLDL (Calculated)	33	CALC		0 - 160
<b>Male Wellness Panel</b> <i>Run by JP on 7/29/2020 8:54:50 AM at Location: LPRC-001</i>				
Free T4	1.3	ng/dL		0.7 - 1.5
Total T4	6.0	ug/dL		4.9 - 11.7
Cortisol	5.0	ug/dL		2.9 - 19.4
Notes:	Before 10 a.m. 3.7 to 19.4 ug/dL After 5 p.m. 2.9 to 17.3 ug/dL			
DHEA Sulfate	300	ug/dL		49 - 362
Folate (Folic Acid)	15.0	ng/mL		7.0 - 20.0
Progesterone	0.1	ng/mL		0.1 - 0.2
Notes:	Female Follicular Phase <1.0 - 0.3 ng/mL Luteal Phase 1.2 - 15.9 ng/mL Postmenopausal <0.1 - 0.2 ng/mL  Pregnancy First Trimester 2.8 - 147.3 ng/mL Second Trimester 22.5 - 95.3 ng/mL Third Trimester 27.9 - 242.5 ng/mL  Male: <0.1 - 0.2 ng/mL			
SHBG (Sex Hormone Binding Globulin)	50	nmol/L		11 - 78
Thyroid Stimulating Hormone (TSH)	4.50	uIU/mL		0.35 - 4.94
Anti-TPO (Thyroid Peroxidase Antibody)	3.80	IU/mL		0.00 - 5.61
Vitamin B12	306	pg/mL		213 - 816
Vitamin D 25-OH	10	ng/mL	<b>LOW</b>	30 - 40
Ferritin	106	ng/mL		21 - 275



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Follicle Stimulating Hormone (FSH)	2.00	mIU/mL		0.95 - 11.95
Notes:	Female			
	Follicular Phase	3.03 - 8.08 mIU/mL		
	Mid-Cycle Peak	2.55 - 16.69 mIU/mL		
	Luteal Phase	1.38 - 5.47 mIU/mL		
	Postmenopausal	26.72 - 133.41 mIU/mL		
	Males:	0.95 - 11.95 mIU/mL		
LH (Luteinizing Hormone)	3.60	mIU/mL		0.57 - 12.07
Notes:	Female			
	Follicular Phase	1.80 - 11.78 mIU/mL		
	Mid-Cycle Peak	7.59 - 89.08 mIU/mL		
	Luteal Phase	0.56 - 14.00 mIU/mL		
	Postmenopausal	5.16 - 61.99 mIU/mL		
	Males:	0.57 - 12.07 mIU/mL		
Total Testosterone	950	ng/dL	<b>HIGH</b>	221 - 716
Free T3	3.20	pg/mL		1.71 - 3.71
Anti-Tg (Thyroglobulin Antibodies)	< 3.0	IU/mL	<b>NORMAL</b>	0.00 - 4.11
Estradiol	24	pg/mL		11 - 44
Notes:	Normal Menstruating Females			
	Follicular Phase	21 - 251 pg/mL		
	Mid-Cycle Phase	38 - 649 pg/mL		
	Luteal Phase	21 - 312 pg/mL		
	Postmenopausal Females not on HRT	<10 - 28 pg/mL		
	Postmenopausal Females on HRT**	<10 - 144 pg/mL		
	Males	11 - 44 pg/mL		
CRP, HS (Quantitative)	0.3	mg/dL		0.0 - 0.5
PSA, Total	3.0	ng/mL		0.0 - 4.0
Homocysteine	12	umol/L		5 - 15
Free Testosterone Index (%)	25	%		19 - 118

**Location LPRC-001:** Precision Labs 3440 North 16th Street Suite 100 Phoenix, AZ 85016  
Laboratory Director: J Morgan Brown, M.D. CLIA ID# 03D2170275