

												PrivateMD and Discounted Labs	Range
		u of u 1/4/2012	labcorp 1/23/2012	u of u 4/24/2013	u of u 1/9/2014	u of u 1/12/2015	u of u 1/13/2016	labcorp 2/10/2016	labcorp 3/11/2016	discounted lab 4/4/2016	PrivateMD 5/6/2016	6/15/2016	
CBC	WBC	5.18	5.8	7.6	7	7.93	7.86	6.8	7		6.5	6	3.4 - 10.8 x10E3/uL
	RBC	5.15	5.26	5.07	4.87	4.79	5.25	5.3	4.98		5.21	5.5	4.14-5.80 x10E6/uL
	Hemoglobin	14.5	14.9	14.2	14	13.9	15	14.9	13.7		14.8	15.2	12.6-17.7 g/dL
	Hematocrit	43.1	45.2	43.7	41.9	41.6	45.3	44.6	41.7		44.9	46.7	37.5-51.0 %
	MCV	83.7	86	86.2	86	86.9	86.4	84	84		86	85	79-97 fL
	MCH	28.2	28.3	28	28.8	29.1	28.6	28.1	27.5		28.4	27.6	26.6-33.0 pg
	MCHC	33.6	33	32.4	33.5	33.5	33	33.4	32.9		33	32.5	31.5-35.7 g/dL
	RDW	12	13.3	13.3	12.7	12.1	12.3	14.4	14.1		14.1	13.6	12.3-15.4 %
	Platelets	209	209	221	175	210	202	250	292		286	252	150-379 x10E3/uL
	Neutrophils		41					51	53		45	48	%
	Lymphs		42					37	34		41	40	%
	Monocytes	8.7	14	8	7.9	6.1	5.7	9	11		11	10	%
	Eos	2	2	1.5	3	2.4	1	2	1		2	2	%
	Basos	0.5	1	0.4	0.3	0.6	0.4	1	1		1	0	%
	Neutrophils (Absolute)		2.4					3.4	3.7		2.9	2.9	%
	Lymphs (Absolute)	2.2	2.4	2.6	2.5	2.3	2	2.5	2.4		2.6	2.4	1.4-7.0 x10E3/uL
	Monocytes (Absolute)	0.4	0.8	0.6	0.6	0.5	0.4	0.6	0.7		0.7	0.6	0.1-0.9 x10E3/uL
	Eos (Absolute)	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1		0.1	0.1	0.0-0.4x10E3/uL
	Baso (Absolute)	0	0	0	0	0	0	0	0		0	0	0.0-0.2 x10E3/uL
	Immature Granulocytes							0	0		0	0	%
	Immature Grans (Abs)							0	0		0	0	0.0-0.1 x10E3/uL
CMP	Glucose, Serum		89	102	92	89	95	90	87		82	88	65-99 mg/dL
	BUN	22	23	18	13	15	13	11	15		14	17	6-20 mg/dL
	Creatinine, Serum	0.99	1.14	1.09	1	0.93	0.93	0.85	0.79		1.08	1.06	0.76-1.27 mg/dL
	eGFR if Non African Am		85					113	116		88	90	>59 mL/min/1.73
	eGFR if African Am											105	
	BUN/Creatinine Ratio		20					13	19		13	16	8-19
	Sodium, Serum	138	137	138	136	139	136	137	138		139	138	134-144 nmol/L
	Potassium, Serum	3.9	3.7	4.1	3.9	4.3	4.1	3.9	4.3		4.4	4.4	3.5-5.2 nmol/L
	Chloride, Serum	101	99	104	103	104	101	96	100		98	97	97-108 nmol/L
	Carbon Dioxide, Total	28	27	27	25	27	27	23	22		25	23	18-29 nmol/L
	Calcium, Serum	9.4	9.3	9.9	9.5	9.7	9.5	10	9.7		9.1	9.4	8.7-10.2 mg/dL
	Protein, Total, Serum	7.4	6.8			7	7.4	7.9	7.4		6.4	7.4	6.0-8.5 g/dL
	Albumin, Serum	4.6	5.1			4.6	5	5.4	4.9		4.5	5	3.5-5.5 g/dL
	Globulin, Total		1.7					2.5	2.5		1.9	2.4	1.5-4.5 g/dL
	A/G Ratio		3					2.2	2		2.4	2.1	1.1-2.5
	Bilirubin, Total	1	0.6			0.7	1	1.1	0.03		0.4	0.5	0.0-1.2 mg/dL
	Alkaline Phosphatase, S	60	70			50	57	61	62		55	58	39-117 IU/L
Urinalysis	AST (SGOT)	41	27			21	18	19	22		34	25	0-40 IU/L
	ALT (SGPT)	53	30			25	17	17	24		38	26	0-44 IU/L
	Specific Gravity							<=1.005			<=1.005		1.005-1.030
	pH							7			7.5		5.0-7.5
	Urine-Color							Yellow			Yellow		Yellow
	Appearance							Clear			Clear		Clear
	WBC Esterase							Negative			Negative		Negative
	Protein, Total, Serum							Negative			Negative		Negative/Trace
	Glucose, Serum							Negative			Negative		Negative
	Ketones							Negative			Negative		Negative
Testosterone	Occult Blood							Negative			Negative		Negative
	Bilirubin, Total							Negative			Negative		Negative
	Urobilinogen, Semi Qn							0.2			0.2		0.2-1.0 mg/dL
	Nitrite							Negative			Negative		Negative
	Microscopic Examination							Not Performed			Not Performed		N/A
	Testosterone Total, Serum	540	597					770	427	>1500	1278 (LC/MS)	862	348-1197 ng/dL
	Free Testosterone							12.7		39.3		30.3	8.7-25.1 pg/mL
	Estradiol, Sensitive							30	10.4			14.7	8.0-35.0 pg/mL
	Estradiol, non sensitive		13.7					6.7			52.4		
	LH		3.7					4.2	0.7		0.1	0.1	1.7-8.6 mIU/mL
Thyroid	FSH		1.9					2	0.7		<0.2	<0.2	1.5-12.4 mIU/mL
	DHEA-S		201.3					209.8				453.9	102.6-416.3 ug/dL
	DHT							62				61	30-85 ng/dL
	IGF-1							137				273	88-246 ng/mL
	Pregnenolone, MS											42	<151 ng/dL
	Prolactin		14.7					12.1				6.2	4.0-15.2 ng/mL
	PSA							1				0.6	0.0-4.0 ng/mL
	SHBG, Serum		40.8					57.8	56.2			27.3	16.5-55.9 nmol/L
	Vitamin B12 Reflex						480					967	180-914 pg/mL
	Vitamin D 25 OH	40					53					68.7	30-80 ng/mL
Lipid Panel	Bio Testosterone, Calculated		284					283	155				ng/dL
	Free Testosterone, Calculated		10.4					12.1	5.84				ng/dL
	T3, Free		3.1									3.3	2.0-4.4 pg/mL
	T4		1.22					1.34				0.97	0.82-1.77 ng/dL
	TSH	3.05	3.44				0.86	2.87				3.22	mU/L
Iron and TIBC	Cholesterol, Total	181		163	176	187	174	174				203	100-199 mg/dL
	Triglycerides	76		82	66	97	84	101				90	0-149 mg/dL
	HDL Cholesterol	42		38	43	37	41	43				43	>39 mg/dL
	VLDL Cholesterol Cal	15		16	13	19	17	20				18	5-40 mg/dL
	LDL Cholesterol Calc	124		109	120	131	116	111				142	0-99 mg/dL
	Non-HDL Cholesterol	139		125	133	150	133						
Iron and TIBC	Iron Bind Cap							374				466	250-450 ug/dL
	UIBC							173					111-343 ug/dL
	Iron, Serum							201				127	38-169 ug/dL
	Iron, Saturation							54				27	15-55 %

Cortisol	Cortisol - AM Serum					12.7	6.2-19.4 ug/dL		
Other									
Anion Gap	9	7	8	7	8	<0.10	0.8	0.00-3.00 mg/L mL/min/1.73BSA 30-400 ng/mL 0-65 IU/L	
C-Reactive Protein, Cardiac									
EGFR Calc		89	98	107	106		21		
Ferritin, Serum							98		17
GGT							19		
Granulocyte #								4.8-5.6 % 2.6-24.9 uIU/mL 1.6-2.3 mg/dL	
Granulocyte %	46.2	56.9	53.6	62.2	67.2	5.6	5.6		
Hemoglobin A1c						4.9	5.5		
Insulin						2.3	2.4		
Magnesium, Serum									
MPV	8.9	7.2	6.5	7.3	6.8				