

Ordered Items

CMP14+LP+6AC+CBC/D/Plt; Urinalysis, Complete; Thyroid Panel With TSH; Testosterone, Free and Total; Hemoglobin A1c; Prostate-Specific Ag, Serum; Vitamin D, 25-Hydroxy; C-Reactive Protein, Cardiac; Venipuncture

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
CMP14+LP+6AC+CBC/D/Plt					
Chemistries					01
Glucose, Serum	88		mg/dL	65 - 99	01
Uric Acid, Serum	7.8		mg/dL	3.7 - 8.6	01
Please Note:					01
	Therapeutic target for gout patients: <6.0				
BUN	12		mg/dL	6 - 20	01
Creatinine, Serum	0.75	Low	mg/dL	0.76 - 1.27	01
eGFR If NonAfricn Am	127		mL/min/1.73	>59	
eGFR If Africn Am	146		mL/min/1.73	>59	
BUN/Creatinine Ratio	16			8 - 19	
Sodium, Serum	139		mmol/L	134 - 144	01
Potassium, Serum	4.3		mmol/L	3.5 - 5.2	01
Chloride, Serum	98		mmol/L	97 - 108	01
Carbon Dioxide, Total	23		mmol/L	18 - 29	01
Calcium, Serum	9.9		mg/dL	8.7 - 10.2	01
Phosphorus, Serum	3.2		mg/dL	2.5 - 4.5	01
Protein, Total, Serum	7.8		g/dL	6.0 - 8.5	01
Albumin, Serum	5.0		g/dL	3.5 - 5.5	01
Globulin, Total	2.8		g/dL	1.5 - 4.5	
A/G Ratio	1.8			1.1 - 2.5	
Bilirubin, Total	0.9		mg/dL	0.0 - 1.2	01
Bilirubin, Direct	0.18		mg/dL	0.00 - 0.40	01
Alkaline Phosphatase, S	82		IU/L	39 - 117	01
LDH	137		IU/L	121 - 224	01
AST (SGOT)	16		IU/L	0 - 40	01
ALT (SGPT)	15		IU/L	0 - 44	01
GGT	23		IU/L	0 - 65	01
Iron, Serum	115		ug/dL	40 - 155	01
					01
Lipids					01

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Cholesterol, Total	196		mg/dL	100 - 199	01
Triglycerides	272	High	mg/dL	0 - 149	01
HDL Cholesterol	32	Low	mg/dL	>39	01
Comment					01
According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.					
VLDL Cholesterol Cal	54	High	mg/dL	5 - 40	
LDL Cholesterol Calc	110	High	mg/dL	0 - 99	
T. Chol/HDL Ratio	6.1	High	ratio units	0.0 - 5.0	
Please Note:					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					
Estimated CHD Risk	1.3	High	times avg.	0.0 - 1.0	
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					
The CHD Risk is based on the T. Chol/HDL ratio. Other factors affect CHD Risk such as hypertension, smoking, diabetes, severe obesity, and family history of pre-mature CHD.					
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CBC, Platelet Ct, and Diff					01
WBC	6.8		x10E3/uL	3.4 - 10.8	01
RBC	6.73	High	x10E6/uL	4.14 - 5.80	01
Hemoglobin	14.0		g/dL	12.6 - 17.7	01
Hematocrit	43.8		%	37.5 - 51.0	01
MCV	65	Low	fL	79 - 97	01
MCH	20.8	Low	pg	26.6 - 33.0	01
MCHC	32.0		g/dL	31.5 - 35.7	01
RDW	17.1	High	%	12.3 - 15.4	01
Platelets	250		x10E3/uL	150 - 379	01
Neutrophils	69		%		01
Lymphs	21		%		01
Monocytes	8		%		01
Eos	2		%		01
Basos	0		%		01
Neutrophils (Absolute)	4.6		x10E3/uL	1.4 - 7.0	01
Lymphs (Absolute)	1.4		x10E3/uL	0.7 - 3.1	01
Monocytes (Absolute)	0.5		x10E3/uL	0.1 - 0.9	01
Eos (Absolute)	0.2		x10E3/uL	0.0 - 0.4	01
Baso (Absolute)	0.0		x10E3/uL	0.0 - 0.2	01
Immature Granulocytes	0		%		01

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Immature Grans (Abs)	0.0		x10E3/uL	0.0 - 0.1	01
Urinalysis, Complete					
Urinalysis Gross Exam					01
Specific Gravity	1.023			1.005 - 1.030	01
pH	6.5			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	Negative			Negative	01
Occult Blood	Negative			Negative	01
Bilirubin	Negative			Negative	01
Urobilinogen, Semi-Qn	0.2		mg/dL	0.0 - 1.9	01
Nitrite, Urine	Negative			Negative	01
Microscopic Examination					
Microscopic follows if indicated.					01
Microscopic Examination See below:					01
Microscopic was indicated and was performed.					
WBC	0-5		/hpf	0 - 5	01
RBC	0-2		/hpf	0 - 2	01
Epithelial Cells (non renal)	None seen		/hpf	0 - 10	01
Mucus Threads	Present			Not Estab.	01
Bacteria	None seen			None seen/Few	01
Thyroid Panel With TSH					
TSH	2.620		uIU/mL	0.450 - 4.500	01
Thyroxine (T4)	8.6		ug/dL	4.5 - 12.0	01
T3 Uptake	23	Low	%	24 - 39	01
Free Thyroxine Index	2.0			1.2 - 4.9	
Testosterone, Free and Total					
Testosterone, Serum	287	Low	ng/dL	348 - 1197	01
Comment:					
Adult male reference interval is based on a population of lean males up to 40 years old.					
Free Testosterone(Direct)	8.3	Low	pg/mL	9.3 - 26.5	02
Hemoglobin A1c	5.9	High	%	4.8 - 5.6	01
Increased risk for diabetes: 5.7 - 6.4					
Diabetes: >6.4					
Glycemic control for adults with diabetes: <7.0					
Prostate-Specific Ag, Serum					
Prostate Specific Ag, Serum	0.6		ng/mL	0.0 - 4.0	01
Roche ECLIA methodology.					
According to the American Urological Association, Serum PSA should					
Vitamin D, 25-Hydroxy	8.9	Low	ng/mL	30.0 - 100.0	01
Vitamin D deficiency has been defined by the Institute of					