

Date Collected:

Date Received:

Date Reported:

Fasting:

Ordered Items: **CBC With Differential/Platelet; Comp. Metabolic Panel (14); Urinalysis, Complete; Lipid Panel; G6PD,Qn,Bld and Red Cell Count; Hgb A1c with eAG Estimation; HIV Ab/p24 Ag with Reflex**

Date Collected:

CBC With Differential/Platelet

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
WBC ⁰¹	4.6		x10E3/uL	3.4-10.8
RBC ⁰¹	5.30		x10E6/uL	4.14-5.80
Hemoglobin ⁰¹	15.9		g/dL	13.0-17.7
Hematocrit ⁰¹	47.3		%	37.5-51.0
MCV ⁰¹	89		fL	79-97
MCH ⁰¹	30.0		pg	26.6-33.0
MCHC ⁰¹	33.6		g/dL	31.5-35.7
RDW ⁰¹	12.5		%	11.6-15.4
Platelets ⁰¹	277		x10E3/uL	150-450
Neutrophils ⁰¹	47		%	Not Estab.
Lymphs ⁰¹	37		%	Not Estab.
Monocytes ⁰¹	11		%	Not Estab.
Eos ⁰¹	4		%	Not Estab.
Basos ⁰¹	1		%	Not Estab.
Neutrophils (Absolute) ⁰¹	2.2		x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰¹	1.7		x10E3/uL	0.7-3.1
Monocytes(Absolute) ⁰¹	0.5		x10E3/uL	0.1-0.9
Eos (Absolute) ⁰¹	0.2		x10E3/uL	0.0-0.4
Baso (Absolute) ⁰¹	0.0		x10E3/uL	0.0-0.2
Immature Granulocytes ⁰¹	0		%	Not Estab.
Immature Grans (Abs) ⁰¹	0.0		x10E3/uL	0.0-0.1

Comp. Metabolic Panel (14)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Glucose ⁰¹	78		mg/dL	70-99
BUN ⁰¹	18		mg/dL	6-20
Creatinine ⁰¹	0.93		mg/dL	0.76-1.27
eGFR	109		mL/min/1.73	>59
BUN/Creatinine Ratio	19			9-20
Sodium ⁰¹	139		mmol/L	134-144
Potassium ⁰¹	4.3		mmol/L	3.5-5.2
Chloride ⁰¹	102		mmol/L	96-106
Carbon Dioxide, Total ⁰¹	23		mmol/L	20-29
Calcium ⁰¹	9.4		mg/dL	8.7-10.2
Protein, Total ⁰¹	7.0		g/dL	6.0-8.5
Albumin ⁰¹	4.6		g/dL	4.1-5.1

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Comp. Metabolic Panel (14) (Cont.)

Globulin, Total	2.4	g/dL	1.5-4.5
A/G Ratio	1.9		1.2-2.2
Bilirubin, Total ⁰¹	0.5	mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	80	IU/L	44-121
AST (SGOT) ⁰¹	21	IU/L	0-40
ALT (SGPT) ⁰¹	28	IU/L	0-44

Urinalysis, Complete

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Urinalysis Gross Exam ⁰¹				
Specific Gravity ⁰¹	1.017			1.005-1.030
pH ⁰¹	6.5			5.0-7.5
Urine-Color ⁰¹	Yellow			Yellow
Appearance ⁰¹	Clear			Clear
WBC Esterase ⁰¹	Negative			Negative
Protein ⁰¹	Negative			Negative/Trace
Glucose ⁰¹	Negative			Negative
Ketones ⁰¹	Negative			Negative
Occult Blood ⁰¹	Negative			Negative
Bilirubin ⁰¹	Negative			Negative
Urobilinogen,Semi-Qn ⁰¹	0.2		mg/dL	0.2-1.0
Nitrite, Urine ⁰¹	Negative			Negative
Microscopic Examination ⁰¹	Microscopic follows if indicated.			
Microscopic Examination ⁰¹	See below: Microscopic was indicated and was performed.			
WBC ⁰¹	0-5		/hpf	0 - 5
RBC ⁰¹	None seen		/hpf	0 - 2
Epithelial Cells (non renal) ⁰¹	None seen		/hpf	0 - 10
Casts ⁰¹	None seen		/lpf	None seen
Bacteria ⁰¹	None seen			None seen/Few

Lipid Panel

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Cholesterol, Total ⁰¹	178		mg/dL	100-199
Triglycerides ⁰¹	46		mg/dL	0-149
HDL Cholesterol ⁰¹	51		mg/dL	>39
VLDL Cholesterol Cal	9		mg/dL	5-40
LDL Chol Calc (NIH)	73		mg/dL	0-99

G6PD,Qn,Bld and Red Cell Count

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
G-6-PD, Quant	223		U/10E12 RBC	127-427
Comment: ⁰²				

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G6PD,Qn,Bld and Red Cell Count (Cont.)

When decreased, G-6-PD, Quant. values are associated with acute hemolytic anemia when deficient individuals are exposed to oxidative stress, such as with certain medications (e.g., primaquine), infection, or ingestion of fava beans.
Caution: In patients with acute hemolysis (e.g., abnormally low RBC values), testing for G-6-PD may be falsely normal because older erythrocytes with a higher enzyme deficiency have been hemolyzed. Young erythrocytes and reticulocytes have normal or near-normal enzyme activity. Normal values of G-6-PD may be measured for several weeks following a hemolytic event.

Hgb A1c with eAG Estimation

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Hemoglobin A1c ⁰¹	5.3		%	4.8-5.6
Please Note: ⁰¹	Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0			
Estim. Avg Glu (eAG)	105		mg/dL	

HIV Ab/p24 Ag with Reflex

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
HIV Ab/p24 Ag Screen ⁰¹	Non Reactive HIV Negative HIV-1/HIV-2 antibodies and HIV-1 p24 antigen were NOT detected. There is no laboratory evidence of HIV infection.			Non Reactive