

Date Collected: **01/06/2025**

Date Received: **01/06/2025**

Date Reported: **02/06/2025**

Fasting: **Yes**

Ordered Items: **Comp. Metabolic Panel (14); Urinalysis, Routine; CBC, Platelet, No Differential; Lipid Panel; Vitamin D, 25-Hydroxy; Uric Acid; Phosphorus; Magnesium; Venipuncture**

Date Collected: **01/06/2025**

Comp. Metabolic Panel (14)

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Glucose ⁰¹	90	94	08/01/2025	mg/dL	70-99
BUN ⁰¹	17	20	08/01/2025	mg/dL	8-27
Creatinine ⁰¹	1.21	1.30	08/01/2025	mg/dL	0.76-1.27
eGFR	67	62	08/01/2025	mL/min/1.73	>59
BUN/Creatinine Ratio	14	15	08/01/2025		10-24
Sodium ⁰¹	139	139	08/01/2025	mmol/L	134-144
Potassium ⁰¹	4.9	4.9	08/01/2025	mmol/L	3.5-5.2
Chloride ⁰¹	102	100	08/01/2025	mmol/L	96-106
Carbon Dioxide, Total ⁰¹	23	26	08/01/2025	mmol/L	20-29
Calcium ⁰¹	9.2	9.4	08/01/2025	mg/dL	8.6-10.2
Protein, Total ⁰¹	6.8	7.1	08/01/2025	g/dL	6.0-8.5
Albumin ⁰¹	4.5	4.6	08/01/2025	g/dL	3.9-4.9
Globulin, Total	2.3	2.5	08/01/2025	g/dL	1.5-4.5
Bilirubin, Total ⁰¹	0.4	0.5	08/01/2025	mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	64	62	08/01/2025	IU/L	44-121
AST (SGOT) ⁰¹	18	19	08/01/2025	IU/L	0-40
ALT (SGPT) ⁰¹	22	24	08/01/2025	IU/L	0-44

Urinalysis, Routine

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Urinalysis Gross Exam ⁰¹					
Specific Gravity ⁰¹	1.009	1.008	08/01/2025		1.005-1.030
pH ⁰¹	7.0	7.0	08/01/2025		5.0-7.5
Urine-Color ⁰¹	Yellow	Yellow	08/01/2025		Yellow
Appearance ⁰¹	Clear	Clear	08/01/2025		Clear
WBC Esterase ⁰¹	Negative	Negative	08/01/2025		Negative
Protein ⁰¹	Negative	Negative	08/01/2025		Negative/Trace
Glucose ⁰¹	Negative	Negative	08/01/2025		Negative
Ketones ⁰¹	Negative	Negative	08/01/2025		Negative
Occult Blood ⁰¹	Negative	Negative	08/01/2025		Negative
Bilirubin ⁰¹	Negative	Negative	08/01/2025		Negative
Urobilinogen, Semi-Qn ⁰¹	0.2	0.2	08/01/2025	mg/dL	0.2-1.0
Nitrite, Urine ⁰¹	Negative	Negative	08/01/2025		Negative
Microscopic Examination ⁰¹	Microscopic not indicated and not performed.				

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CBC, Platelet, No Differential

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WBC ⁰¹	4.3		5.5	08/01/2025	x10E3/uL	3.4-10.8
▼ RBC ⁰¹	3.68	Low	4.24	08/01/2025	x10E6/uL	4.14-5.80
▼ Hemoglobin ⁰¹	12.5	Low	14.3	08/01/2025	g/dL	13.0-17.7
▼ Hematocrit ⁰¹	37.0	Low	42.4	08/01/2025	%	37.5-51.0
▲ MCV ⁰¹	101	High	100	08/01/2025	fL	79-97
▲ MCH ⁰¹	34.0	High	33.7	08/01/2025	pg	26.6-33.0
MCHC ⁰¹	33.8		33.7	08/01/2025	g/dL	31.5-35.7
RDW ⁰¹	13.4		13.8	08/01/2025	%	11.6-15.4
Platelets ⁰¹	256		320	08/01/2025	x10E3/uL	150-450

Lipid Panel

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▲ Cholesterol, Total ⁰¹	206	High	159	08/01/2025	mg/dL	100-199
Triglycerides ⁰¹ HDL	65		59	08/01/2025	mg/dL	0-149
Cholesterol ⁰¹ VLDL	75		73	08/01/2025	mg/dL	>39
Cholesterol Cal LDL	12		12	08/01/2025	mg/dL	5-40
▲ Chol Calc (NIH)	119	High	74	08/01/2025	mg/dL	0-99

Vitamin D, 25-Hydroxy

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▼ Vitamin D, 25-Hydroxy ⁰¹	26.1	Low	41.7	08/01/2025	ng/mL	30.0-100.0
<p>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.</p> <p>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.</p>						

Uric Acid

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
Uric Acid ⁰¹	5.0		4.7	08/01/2025	mg/dL	3.8-8.4
Therapeutic target for gout patients: <6.0						

Phosphorus

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▲ Phosphorus ⁰¹	4.2	High	4.9	08/01/2025	mg/dL	2.8-4.1

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Magnesium

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Magnesium ⁰¹	2.2	2.3	08/01/2025	mg/dL	1.6-2.3

Disclaimer

The Previous Result is listed for the most recent test performed by Labcorp in the past 5 years where there is sufficient patient demographic data to match the result to the patient. Results from certain tests are excluded from the Previous Result display.

Icon Legend

▲ Out of Reference Range Critical or Alert