

Date Collected: **10/01/2023**

Date Received: **10/01/2023**

Date Reported: **11/01/2023**

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**

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## Comp. Metabolic Panel (14)

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Glucose <sup>01</sup>	98	<b>101</b>	15/06/2022	mg/dL	70-99
BUN <sup>01</sup>	26	27	15/06/2022	mg/dL	8-27
Creatinine <sup>01</sup>	1.26	<b>1.28</b>	15/06/2022	mg/dL	0.76-1.27
eGFR	61	60	15/06/2022	mL/min/1.73	>59
BUN/Creatinine Ratio	23	21	15/06/2022		10-24
Sodium <sup>01</sup>	143	144	15/06/2022	mmol/L	134-144
Potassium <sup>01</sup>	5.1	4.8	15/06/2022	mmol/L	3.5-5.2
Chloride <sup>01</sup>	105	101	15/06/2022	mmol/L	96-106
Carbon Dioxide, Total <sup>01</sup>	28	22	15/06/2022	mmol/L	20-29
Calcium <sup>01</sup>	10.0	9.2	15/06/2022	mg/dL	8.6-10.2
Protein, Total <sup>01</sup>	8.4	8.1	15/06/2022	g/dL	6.0-8.5
Albumin <sup>01</sup>	4.8	4.4	15/06/2022	g/dL	3.9-4.9
Globulin, Total	4.4	3.5	15/06/2022	g/dL	1.5-4.5
Bilirubin, Total <sup>01</sup>	1.1	1.0	15/06/2022	mg/dL	0.0-1.2
Alkaline Phosphatase <sup>01</sup>	120	108	15/06/2022	IU/L	44-121
AST (SGOT) <sup>01</sup>	39	33	15/06/2022	IU/L	0-40
ALT (SGPT) <sup>01</sup>	43	41	15/06/2022	IU/L	0-44

## Urinalysis, Routine

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Urinalysis Gross Exam <sup>01</sup>					
Specific Gravity <sup>01</sup>	1.020	1.006	15/06/2022		1.005-1.030
pH <sup>01</sup>	4.3	4.9	15/06/2022		5.0-7.5
Urine-Color <sup>01</sup>	Yellow	Yellow	15/06/2022		Yellow
Appearance <sup>01</sup>	Clear	Clear	15/06/2022		Clear
WBC Esterase <sup>01</sup>	Negative	Negative	15/06/2022		Negative
Protein <sup>01</sup>	Negative	Negative	15/06/2022		Negative/Trace
Glucose <sup>01</sup>	Negative	Negative	15/06/2022		Negative
Ketones <sup>01</sup>	Negative	Negative	15/06/2022		Negative
Occult Blood <sup>01</sup>	Negative	Negative	15/06/2022		Negative
Bilirubin <sup>01</sup>	Negative	Negative	15/06/2022		Negative
Urobilinogen, Semi-Qn <sup>01</sup>	1.0	0.5	15/06/2022	mg/dL	0.2-1.0
Nitrite, Urine <sup>01</sup>	Negative	Negative	15/06/2022		Negative
Microscopic Examination <sup>01</sup>	Microscopic not indicated and not performed.				

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## CBC, Platelet, No Differential

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
WBC <sup>01</sup>	5.0	5.4	15/06/2022	x10E3/uL	3.4-10.8
▽ <b>RBC</b> <sup>01</sup>	4.20	<b>3.90</b>	15/06/2022	x10E6/uL	4.14-5.80
▽ <b>Hemoglobin</b> <sup>01</sup>	13.0	<b>12.2</b>	15/06/2022	g/dL	13.0-17.7
▽ <b>Hematocrit</b> <sup>01</sup>	38.0	<b>37.1</b>	15/06/2022	%	37.5-51.0
△ <b>MCV</b> <sup>01</sup>	91	<b>103</b>	15/06/2022	fL	79-97
△ <b>MCH</b> <sup>01</sup>	27.5	<b>34.7</b>	15/06/2022	pg	26.6-33.0
MCHC <sup>01</sup>	32.1	32.4	15/06/2022	g/dL	31.5-35.7
RDW <sup>01</sup>	13.5	13.3	15/06/2022	%	11.6-15.4
Platelets <sup>01</sup>	250	268	15/06/2022	x10E3/uL	150-450

## Lipid Panel

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
▲ <b>Cholesterol, Total</b> <sup>01</sup>	<b>202 High</b>	<b>204</b>	15/06/2022	mg/dL	100-199
Triglycerides <sup>01</sup>	115	105	15/06/2022	mg/dL	0-149
HDL Cholesterol <sup>01</sup>	58	68	15/06/2022	mg/dL	>39
VLDL Cholesterol Cal	23	32	15/06/2022	mg/dL	5-40
▲ <b>LDL Chol Calc (NIH)</b>	<b>116 High</b>	<b>112</b>	15/06/2022	mg/dL	0-99

## Vitamin D, 25-Hydroxy

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
▽ <b>Vitamin D, 25-Hydroxy</b> <sup>01</sup>	50.2	26.2	15/06/2022	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 <sup>01</sup>	6.2	5.9	15/06/2022	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
△ <b>Phosphorus</b> <sup>01</sup>	3.4	<b>4.4</b>	15/06/2022	mg/dL	2.8-4.1

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## Magnesium

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Magnesium <sup>01</sup>	1.9	2.1	15/06/2022	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