

Date Collected: **18/01/2022**

Date Received: **18/01/2022**

Date Reported: **19/01/2022**

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>	88	97	09/05/2021	mg/dL	70-99
BUN <sup>01</sup>	22	18	09/05/2021	mg/dL	8-27
Creatinine <sup>01</sup>	1.17	1.30	09/05/2021	mg/dL	0.76-1.27
eGFR	65	68	09/05/2021	mL/min/1.73	>59
BUN/Creatinine Ratio	20	15	09/05/2021		10-24
Sodium <sup>01</sup>	139	139	09/05/2021	mmol/L	134-144
Potassium <sup>01</sup>	4.7	4.7	09/05/2021	mmol/L	3.5-5.2
Chloride <sup>01</sup>	101	104	09/05/2021	mmol/L	96-106
Carbon Dioxide, Total <sup>01</sup>	24	22	09/05/2021	mmol/L	20-29
Calcium <sup>01</sup>	9.2	9.1	09/05/2021	mg/dL	8.6-10.2
Protein, Total <sup>01</sup>	7.8	6.7	09/05/2021	g/dL	6.0-8.5
Albumin <sup>01</sup>	4.4	4.3	09/05/2021	g/dL	3.9-4.9
Globulin, Total	3.8	2.4	09/05/2021	g/dL	1.5-4.5
Bilirubin, Total <sup>01</sup>	0.7	0.4	09/05/2021	mg/dL	0.0-1.2
Alkaline Phosphatase <sup>01</sup>	114	103	09/05/2021	IU/L	44-121
AST (SGOT) <sup>01</sup>	35	30	09/05/2021	IU/L	0-40
ALT (SGPT) <sup>01</sup>	39	33	09/05/2021	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>	1.010	1.019	09/05/2021		1.005-1.030
pH <sup>01</sup>	5.3	6.6	09/05/2021		5.0-7.5
Urine-Color <sup>01</sup>	Yellow	Yellow	09/05/2021		Yellow
Appearance <sup>01</sup>	Clear	Clear	09/05/2021		Clear
WBC Esterase <sup>01</sup>	Negative	Negative	09/05/2021		Negative
Protein <sup>01</sup>	Negative	Negative	09/05/2021		Negative/Trace
Glucose <sup>01</sup>	Negative	Negative	09/05/2021		Negative
Ketones <sup>01</sup>	Negative	Negative	09/05/2021		Negative
Occult Blood <sup>01</sup>	Negative	Negative	09/05/2021		Negative
Bilirubin <sup>01</sup>	Negative	Negative	09/05/2021		Negative
Urobilinogen, Semi-Qn <sup>01</sup>	0.2	0.3	09/05/2021	mg/dL	0.2-1.0
Nitrite, Urine <sup>01</sup>	Negative	Negative	09/05/2021		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>	6.5	5.3 09/05/2021	x10E3/uL	3.4-10.8
▼ RBC <sup>01</sup>	<b>4.10 Low</b>	4.22 09/05/2021	x10E6/uL	4.14-5.80
▼ Hemoglobin <sup>01</sup>	<b>12.7 Low</b>	14.1 09/05/2021	g/dL	13.0-17.7
▼ Hematocrit <sup>01</sup>	<b>36.8 Low</b>	38.3 09/05/2021	%	37.5-51.0
▲ MCV <sup>01</sup>	<b>101 High</b>	95 09/05/2021	fL	79-97
▲ MCH <sup>01</sup>	<b>33.5 High</b>	32.9 09/05/2021	pg	26.6-33.0
MCHC <sup>01</sup>	33.3	32.6 09/05/2021	g/dL	31.5-35.7
RDW <sup>01</sup>	14.2	13.4 09/05/2021	%	11.6-15.4
Platelets <sup>01</sup>	342	302 09/05/2021	x10E3/uL	150-450

## Lipid Panel

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Cholesterol, Total <sup>01</sup>	<b>202 High</b>	<b>201</b> 09/05/2021	mg/dL	100-199
Triglycerides <sup>01</sup>	115	115 09/05/2021	mg/dL	0-149
HDL Cholesterol <sup>01</sup>	56	56 09/05/2021	mg/dL	>39
VLDL Cholesterol Cal	37	37 09/05/2021	mg/dL	5-40
▲ LDL Chol Calc (NIH)	<b>110 High</b>	<b>103</b> 09/05/2021	mg/dL	0-99

## Vitamin D, 25-Hydroxy

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▼ Vitamin D, 25-Hydroxy <sup>01</sup>	<b>31</b>	32 09/05/2021	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>	4.8	5.2 09/05/2021	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 <sup>01</sup>	3.1	3.5 09/05/2021	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>	<b>2.4</b>	2.2	09/05/2021	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