

Date Collected: **20/12/2020**

Date Received: **20/12/2020**

Date Reported: **21/12/2020**

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 ⁰¹	84	NAN	mg/dL	70-99
BUN ⁰¹	13	NAN	mg/dL	8-27
Creatinine ⁰¹	1.34 High	NAN	mg/dL	0.76-1.27
eGFR	74	NAN	mL/min/1.73	>59
BUN/Creatinine Ratio	11	NAN		10-24
Sodium ⁰¹	143	NAN	mmol/L	134-144
Potassium ⁰¹	4.7	NAN	mmol/L	3.5-5.2
Chloride ⁰¹	99	NAN	mmol/L	96-106
Carbon Dioxide, Total ⁰¹	22	NAN	mmol/L	20-29
Calcium ⁰¹	8.9	NAN	mg/dL	8.6-10.2
Protein, Total ⁰¹	6.3	NAN	g/dL	6.0-8.5
Albumin ⁰¹	4.1	NAN	g/dL	3.9-4.9
Globulin, Total	2.2	NAN	g/dL	1.5-4.5
Bilirubin, Total ⁰¹	0.3	NAN	mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	92	NAN	IU/L	44-121
AST (SGOT) ⁰¹	26	NAN	IU/L	0-40
ALT (SGPT) ⁰¹	29	NAN	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	1.012	NAN		1.005-1.030
pH ⁰¹	5.9	NAN		5.0-7.5
Urine-Color ⁰¹	Yellow	NAN		Yellow
Appearance ⁰¹	Clear	NAN		Clear
WBC Esterase ⁰¹	Negative	NAN		Negative
Protein ⁰¹	Negative	NAN		Negative/Trace
Glucose ⁰¹	Negative	NAN		Negative
Ketones ⁰¹	Negative	NAN		Negative
Occult Blood ⁰¹	Negative	NAN		Negative
Bilirubin ⁰¹	Negative	NAN		Negative
Urobilinogen, Semi-Qn ⁰¹	0.5	NAN	mg/dL	0.2-1.0
Nitrite, Urine ⁰¹	Negative	NAN		Negative
Microscopic Examination ⁰¹	Microscopic not indicated and not performed.			

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CBC, Platelet, No Differential

High

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
WBC ⁰¹	6.5	NAN	x10E3/uL	3.4-10.8
▼ RBC ⁰¹	4.11 Low	NAN	x10E6/uL	4.14-5.80
▼ Hemoglobin ⁰¹	12.8 Low	NAN	g/dL	13.0-17.7
▼ Hematocrit ⁰¹	36.2 Low	NAN	%	37.5-51.0
▲ MCV ⁰¹	99 High	NAN	fL	79-97
▲ MCH ⁰¹	34.2 High	NAN	pg	26.6-33.0
MCHC ⁰¹	32.6	NAN	g/dL	31.5-35.7
RDW ⁰¹	13.4	NAN	%	11.6-15.4
Platelets ⁰¹	302	NAN	x10E3/uL	150-450

Lipid Panel

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Cholesterol, Total ⁰¹	207 High	NAN	mg/dL	100-199
Triglycerides ⁰¹	142	NAN	mg/dL	0-149
HDL Cholesterol ⁰¹	45	NAN	mg/dL	>39
VLDL Cholesterol Cal	34	NAN	mg/dL	5-40
▲ LDL Chol Calc (NIH)	113 High	NAN	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	52	NAN	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	6.7	NAN	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	4.0	NAN	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	2.1	NAN	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