

Date Collected: **20/05/2024**

Date Received: **20/05/2024**

Date Reported: **21/05/2024**

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: **20/05/2024**

Comp. Metabolic Panel (14)

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Glucose ⁰¹	95	93	15/12/2023	mg/dL	70-99
BUN ⁰¹	21	19	15/12/2023	mg/dL	8-27
Creatinine ⁰¹	1.24	1.22	15/12/2023	mg/dL	0.76-1.27
eGFR	64	65	15/12/2023	mL/min/1.73	>59
BUN/Creatinine Ratio	17	16	15/12/2023		10-24
Sodium ⁰¹	138	139	15/12/2023	mmol/L	134-144
Potassium ⁰¹	4.8	5.0	15/12/2023	mmol/L	3.5-5.2
Chloride ⁰¹	101	102	15/12/2023	mmol/L	96-106
Carbon Dioxide, Total ⁰¹	24	25	15/12/2023	mmol/L	20-29
Calcium ⁰¹	9.3	9.4	15/12/2023	mg/dL	8.6-10.2
Protein, Total ⁰¹	6.9	8.0	15/12/2023	g/dL	6.0-8.5
Albumin ⁰¹	4.4	4.3	15/12/2023	g/dL	3.9-4.9
Globulin, Total	2.5	2.7	15/12/2023	g/dL	1.5-4.5
Bilirubin, Total ⁰¹	0.5	0.4	15/12/2023	mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	66	87	15/12/2023	IU/L	44-121
AST (SGOT) ⁰¹	20	19	15/12/2023	IU/L	0-40
ALT (SGPT) ⁰¹	23	34	15/12/2023	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	1.006	1.009	15/12/2023		1.005-1.030
pH ⁰¹	5.0	6.3	15/12/2023		5.0-7.5
Urine-Color ⁰¹	Yellow	Yellow	15/12/2023		Yellow
Appearance ⁰¹	Clear	Clear	15/12/2023		Clear
WBC Esterase ⁰¹	Negative	Negative	15/12/2023		Negative
Protein ⁰¹	Negative	Negative	15/12/2023		Negative/Trace
Glucose ⁰¹	Negative	Negative	15/12/2023		Negative
Ketones ⁰¹	Negative	Negative	15/12/2023		Negative
Occult Blood ⁰¹	Negative	Negative	15/12/2023		Negative
Bilirubin ⁰¹	Negative	Negative	15/12/2023		Negative
Urobilinogen, Semi-Qn ⁰¹	0.4	0.5	15/12/2023	mg/dL	0.2-1.0
Nitrite, Urine ⁰¹	Negative	Negative	15/12/2023		Negative
Microscopic Examination ⁰¹	Microscopic not indicated and not performed.				

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CBC, Platelet, No Differential

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WBC ⁰¹	6.2	5.1	15/12/2023	x10E3/uL	3.4-10.8
▼ RBC ⁰¹	4.88	5.3	15/12/2023	x10E6/uL	4.14-5.80
▼ Hemoglobin ⁰¹	15.8	14.2	15/12/2023	g/dL	13.0-17.7
▼ Hematocrit ⁰¹	36.1	34.6	15/12/2023	%	37.5-51.0
▲ MCV ⁰¹	97	98	15/12/2023	fL	79-97
▲ MCH ⁰¹	32.1	30.7	15/12/2023	pg	26.6-33.0
MCHC ⁰¹	31.7	32.3	15/12/2023	g/dL	31.5-35.7
RDW ⁰¹	14.1	12.9	15/12/2023	%	11.6-15.4
Platelets ⁰¹	360	340	15/12/2023	x10E3/uL	150-450

Lipid Panel

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
▲ Cholesterol, Total ⁰¹	151	155	15/12/2023	mg/dL	100-199
Triglycerides ⁰¹	50	60	15/12/2023	mg/dL	0-149
HDL Cholesterol ⁰¹	63	56	15/12/2023	mg/dL	>39
VLDL Cholesterol Cal	17	15	15/12/2023	mg/dL	5-40
▲ LDL Chol Calc (NIH)	74	79	15/12/2023	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	40.1	45.1	15/12/2023	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	5.1	4.9	15/12/2023	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	4.0	15/12/2023	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	1.9	15/12/2023	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