

Date Collected: 03/06/2024

Date Received: 03/06/2024

Date Reported: 03/07/2024

Fasting: No

Ordered Items: TSH+Free T4; CBC With Differential/Platelet; Comp. Metabolic Panel (14); Vitamin D, 25-Hydroxy; Phosphorus; Creatine Kinase,Total; Magnesium; Blood Drawing

Date Collected: 03/06/2024

TSH+Free T4

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
TSH <sup>01</sup>	1.470		1.100	09/24/2022	uIU/mL	0.450-4.500
T4,Free(Direct) <sup>01</sup>	1.09		1.30	09/24/2022	ng/dL	0.93-1.60

CBC With Differential/Platelet

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▲ WBC <sup>01</sup>	13.4	High	5.8	09/06/2023	x10E3/uL	3.4-10.8
▲ RBC <sup>01</sup>	5.83	High	5.46	09/06/2023	x10E6/uL	4.14-5.80
Hemoglobin <sup>01</sup>	15.6		14.5	09/06/2023	g/dL	13.0-17.7
Hematocrit <sup>01</sup>	45.3		42.3	09/06/2023	%	37.5-51.0
▼ MCV <sup>01</sup>	78	Low	78	09/06/2023	fL	79-97
MCH <sup>01</sup>	26.8		26.6	09/06/2023	pg	26.6-33.0
MCHC <sup>01</sup>	34.4		34.3	09/06/2023	g/dL	31.5-35.7
RDW <sup>01</sup>	13.6		13.7	09/06/2023	%	11.6-15.4
Platelets <sup>01</sup>	170		211	09/06/2023	x10E3/uL	150-450
Neutrophils <sup>01</sup>	15		34	09/06/2023	%	Not Estab.
Lymphs <sup>01</sup>	64		53	09/06/2023	%	Not Estab.
Monocytes <sup>01</sup>	20		9	09/06/2023	%	Not Estab.
Eos <sup>01</sup>	0		3	09/06/2023	%	Not Estab.
Basos <sup>01</sup>	1		1	09/06/2023	%	Not Estab.
Neutrophils (Absolute) <sup>01</sup>	2.0		2.0	09/06/2023	x10E3/uL	1.4-7.0
▲ Lymphs (Absolute) <sup>01</sup>	8.5	High	3.0	09/06/2023	x10E3/uL	0.7-3.1
▲ Monocytes(Absolute) <sup>01</sup>	2.6	High	0.5	09/06/2023	x10E3/uL	0.1-0.9
Eos (Absolute) <sup>01</sup>	0.0		0.2	09/06/2023	x10E3/uL	0.0-0.4
Baso (Absolute) <sup>01</sup>	0.2		0.1	09/06/2023	x10E3/uL	0.0-0.3
Immature Granulocytes <sup>01</sup>	0		0	09/06/2023	%	Not Estab.
Immature Grans (Abs) <sup>01</sup>	0.0		0.0	09/06/2023	x10E3/uL	0.0-0.1
Hematology Comments: <sup>01</sup>	Note: Manual differential was performed.					

Comp. Metabolic Panel (14)

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▲ Glucose <sup>01</sup>	100	High	99	09/06/2023	mg/dL	70-99
BUN <sup>01</sup>	9		9	09/06/2023	mg/dL	5-18
Creatinine <sup>01</sup>	1.11		0.98	09/06/2023	mg/dL	0.76-1.27
▼ BUN/Creatinine Ratio	8	Low	9	09/06/2023		10-22
Sodium <sup>01</sup>	140		139	09/06/2023	mmol/L	134-144
Potassium <sup>01</sup>	4.4		4.5	09/06/2023	mmol/L	3.5-5.2

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Comp. Metabolic Panel (14) (Cont.)

Chloride <sup>01</sup>	97		103	09/06/2023	mmol/L	96-106
Carbon Dioxide, Total <sup>01</sup>	24		25	09/06/2023	mmol/L	20-29
Calcium <sup>01</sup>	9.4		9.6	09/06/2023	mg/dL	8.9-10.4
Protein, Total <sup>01</sup>	7.4		6.6	09/06/2023	g/dL	6.0-8.5
Albumin <sup>01</sup>	4.5		4.5	09/06/2023	g/dL	4.3-5.2
Globulin, Total	2.9		2.1	09/06/2023	g/dL	1.5-4.5
A/G Ratio	1.6		2.1	09/06/2023		1.2-2.2
Bilirubin, Total <sup>01</sup>	0.4		0.3	09/06/2023	mg/dL	0.0-1.2
Alkaline Phosphatase <sup>01</sup>	126		125*	09/06/2023	IU/L	63-161
▲ <b>AST (SGOT)</b> <sup>01</sup>	<b>196</b>	<b>High</b>	30	09/06/2023	IU/L	0-40
▲ <b>ALT (SGPT)</b> <sup>01</sup>	<b>310</b>	<b>High</b>	<b>32</b>	09/06/2023	IU/L	0-30

\* Previous Reference Interval: (Alkaline Phosphatase: 74-207 IU/L)

Vitamin D, 25-Hydroxy

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▼ Vitamin D, 25-Hydroxy <sup>01</sup>	19.8	Low	33.2	09/24/2022	ng/mL	30.0-100.0
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. 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.						

Phosphorus

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▼ Phosphorus <sup>01</sup>	3.2	Low			mg/dL	3.4-5.5

Creatine Kinase,Total

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
Creatine Kinase,Total <sup>01</sup>	320				U/L	53-446

Magnesium

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
Magnesium <sup>01</sup>	2.0				mg/dL	1.7-2.3

**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

