

Patient ID: Specimen ID:

DOB:

Patient Report



Age:

Ordering Physician:

Sex:

Date Collected:

Date Received:

Date Reported:

Fasting:

Ordered Items: **Comp. Metabolic Panel (14); Iron and TIBC; Vitamin B12 and Folate; Vitamin E; Vitamin C; Vitamin A, Serum; Vitamin D, 25-Hydroxy; Vitamin K1; Magnesium; Zinc, Plasma or Serum; Ferritin; Venipuncture**

Date Collected: **02/08/2024**

Comp. Metabolic Panel (14)

| Test | Current Result and Flag | Previous Result and Date | Units | Reference Interval |
|-------------------------------------|-------------------------|--------------------------|-------------|--------------------|
| Glucose ⁰¹ | 78 | | mg/dL | 70-99 |
| BUN ⁰¹ | 20 | | mg/dL | 6-20 |
| Creatinine ⁰¹ | 1.05 | | mg/dL | 0.76-1.27 |
| eGFR | 71 | | mL/min/1.73 | >59 |
| BUN/Creatinine Ratio | 14 | | | 9-20 |
| Sodium ⁰¹ | 144 | | mmol/L | 134-144 |
| Potassium ⁰¹ | 5.1 | | mmol/L | 3.5-5.2 |
| Chloride ⁰¹ | 104 | | mmol/L | 96-106 |
| Carbon Dioxide, Total ⁰¹ | 26 | | mmol/L | 20-29 |
| Calcium ⁰¹ | 10.2 | | mg/dL | 8.7-10.2 |
| Protein, Total ⁰¹ | 7.6 | | g/dL | 6.0-8.5 |
| Albumin ⁰¹ | 4.9 | | g/dL | 4.3-5.2 |
| Globulin, Total | 2.7 | | g/dL | 1.5-4.5 |
| A/G Ratio | 1.8 | | | 1.2-2.2 |
| Bilirubin, Total ⁰¹ | 1.0 | | mg/dL | 0.0-1.2 |
| Alkaline Phosphatase ⁰¹ | 72 | | IU/L | 44-121 |
| AST (SGOT) ⁰¹ | 22 | | IU/L | 0-40 |
| ALT (SGPT) ⁰¹ | 37 | | IU/L | 0-44 |

Iron and TIBC

| Test | Current Result and Flag | Previous Result and Date | Units | Reference Interval |
|----------------------|-------------------------|--------------------------|-------|--------------------|
| Iron Bind.Cap.(TIBC) | 260 | | ug/dL | 250-450 |
| UIBC ⁰¹ | 200 | | ug/dL | 111-343 |
| Iron ⁰¹ | 78 | | ug/dL | 38-169 |
| Iron Saturation | 41 | | % | 15-55 |

Vitamin B12 and Folate

| Test | Current Result and Flag | Previous Result and Date | Units | Reference Interval |
|--|-------------------------|--------------------------|-------|--------------------|
| ▲ Vitamin B12 ⁰¹ | 560 | | pg/mL | 232-1245 |
| Folate (Folic Acid), Serum ⁰¹ | 16.1 | | ng/mL | >3.0 |

Note:⁰¹

A serum folate concentration of less than 3.1 ng/mL is considered to represent clinical deficiency.

Vitamin E

| Test | Current Result and Flag | Previous Result and Date | Units | Reference Interval |
|---|-------------------------|--------------------------|-------|--------------------|
| Vitamin E(Alpha Tocopherol) ^{A,02} | 16.9 | | mg/L | 5.9-19.4 |

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Vitamin E (Cont.)Vitamin E(Gamma
Tocopherol)^{A,02}

2.0

mg/L

0.7-4.9

Reference intervals for alpha and gamma-tocopherol determined from National Health and Nutrition Examination Survey, 2005-2006. Individuals with alpha-tocopherol levels less than 5.0 mg/L are considered vitamin E deficient.

Vitamin C

Test

Current Result and Flag

Previous Result and Date

Units

Reference Interval

Vitamin C^{A,02}

1.1

mg/dL

0.4-2.0

Vitamin C deficiency is generally defined as plasma or serum concentrations less than 0.2 mg/dL and levels between 0.2 and 0.4 mg/dL are considered low.

Vitamin A, Serum

Test

Current Result and Flag

Previous Result and Date

Units

Reference Interval

Vitamin A⁰²

44.9

ug/dL

18.9-57.3

Reference intervals for vitamin A determined from LabCorp internal studies. Individuals with vitamin A less than 20 ug/dL are considered vitamin A deficient and those with serum concentrations less than 10 ug/dL are considered severely deficient. This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.

Vitamin D, 25-Hydroxy

Test

Current Result and Flag

Previous Result and Date

Units

Reference Interval

Vitamin D, 25-Hydroxy⁰¹

39.6

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).

- IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press.
- 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.

Vitamin K1

Test

Current Result and Flag

Previous Result and Date

Units

Reference Interval

Vitamin K1^{A,02}

1.5

ng/mL

0.10-2.20

Magnesium

Test

Current Result and Flag

Previous Result and Date

Units

Reference Interval

Magnesium⁰¹

2.1

mg/dL

1.6-2.3

Patient ID: Specimen ID:

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Zinc, Plasma or Serum

| Test | Current Result and Flag | Previous Result and Date | Units | Reference Interval |
|---------------------------------------|-------------------------|--------------------------|---------------------|--------------------|
| Zinc, Plasma or Serum ^{A,03} | 75 | | ug/dL | 44-115 |
| | | | Detection Limit = 5 | |

Ferritin

| Test | Current Result and Flag | Previous Result and Date | Units | Reference Interval |
|------------------------|-------------------------|--------------------------|-------|--------------------|
| Ferritin ⁰¹ | 250 | | ng/mL | 30-400 |

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

Comments

A: This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.

Performing Labs

Patient Details

Phone:
Date of Birth:
Age:
Sex:
Patient ID:
Alternate Patient ID:

Physician Details

Request A Test, LTD.
7027 Mill Road Suite 201, BRECKSVILLE, OH,
44141

Phone: **440-717-0440**

Physician ID: NPI:

Specimen Details

Specimen ID:
Control ID:
Alternate Control Number:
Date Collected:
Date Received:
Date Entered:
Date Reported: