

Ordered Items: **CMP14+LP+TP+TSH+5AC+CBC/D/P...; Insulin; Venipuncture**

Date Collected: **07/02/2021**

Date Received: **07/02/2021**

Date Reported: **07/07/2021**

Fasting: **Yes**

CMP14+LP+TP+TSH+5AC+CBC/D/P...

| Test | Current Result and Flag | Previous Result and Date | Units | Reference Interval |
|--|-------------------------|--------------------------|-------------|--------------------|
| ▲ Glucose ⁰¹ | 109 High | | mg/dL | 65-99 |
| Hemoglobin A1c ⁰¹ | 5.6 | | % | 4.8-5.6 |
| Please Note: ⁰¹ | | | | |
| Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0 | | | | |
| Uric Acid ⁰¹ | 7.0 | | mg/dL | 3.0-7.2 |
| Therapeutic target for gout patients: <6.0 | | | | |
| BUN ⁰¹ | 15 | | mg/dL | 6-24 |
| ▲ Creatinine ⁰¹ | 1.02 High | | mg/dL | 0.57-1.00 |
| eGFR If NonAfrican Am | 60 | | mL/min/1.73 | >59 |
| eGFR If African Am | 70 | | mL/min/1.73 | >59 |
| **Labcorp currently reports eGFR in compliance with the current** recommendations of the National Kidney Foundation. Labcorp will update reporting as new guidelines are published from the NKF-ASN Task force. | | | | |
| BUN/Creatinine Ratio | 15 | | | 9-23 |
| Sodium ⁰¹ | 140 | | mmol/L | 134-144 |
| Potassium ⁰¹ | 4.2 | | mmol/L | 3.5-5.2 |
| Chloride ⁰¹ | 103 | | mmol/L | 96-106 |
| Carbon Dioxide, Total ⁰¹ | 24 | | mmol/L | 20-29 |
| Calcium ⁰¹ | 9.9 | | mg/dL | 8.7-10.2 |
| Phosphorus ⁰¹ | 3.8 | | mg/dL | 3.0-4.3 |
| Magnesium ⁰¹ | 2.0 | | mg/dL | 1.6-2.3 |
| Protein, Total ⁰¹ | 6.7 | | g/dL | 6.0-8.5 |
| Albumin ⁰¹ | 4.6 | | g/dL | 3.8-4.9 |
| Globulin, Total | 2.1 | | g/dL | 1.5-4.5 |
| A/G Ratio | 2.2 | | | 1.2-2.2 |
| Bilirubin, Total ⁰¹ | 0.2 | | mg/dL | 0.0-1.2 |

CMP14+LP+TP+TSH+5AC+CBC/D/P... (Cont.)

| | | | | |
|--|------------|-------------|-------|---------|
| Alkaline Phosphatase ⁰¹ | 72 | | IU/L | 48-121 |
| LDH ⁰¹ | 164 | | IU/L | 119-226 |
| AST (SGOT) ⁰¹ | 30 | | IU/L | 0-40 |
| ▲ ALT (SGPT)⁰¹ | 37 | High | IU/L | 0-32 |
| GGT ⁰¹ | 22 | | IU/L | 0-60 |
| Iron Bind.Cap.(TIBC) | 307 | | ug/dL | 250-450 |
| UIBC ⁰¹ | 237 | | ug/dL | 131-425 |
| Iron ⁰¹ | 70 | | ug/dL | 27-159 |
| Iron Saturation | 23 | | % | 15-55 |
| ▲ Cholesterol, Total⁰¹ | 220 | High | mg/dL | 100-199 |
| ▲ Triglycerides⁰¹ | 217 | High | mg/dL | 0-149 |
| HDL Cholesterol ⁰¹ | 64 | | mg/dL | >39 |
| VLDL Cholesterol Cal | 38 | | mg/dL | 5-40 |
| ▲ LDL Chol Calc (NIH) | 118 | High | mg/dL | 0-99 |
| T. Chol/HDL Ratio | 3.4 | | ratio | 0.0-4.4 |
| Please Note: ⁰¹ | | | | |

| T. Chol/HDL Ratio | | |
|-------------------|------|-------|
| | Men | Women |
| 1/2 Avg. Risk | 3.4 | 3.3 |
| Avg. Risk | 5.0 | 4.4 |
| 2X Avg. Risk | 9.6 | 7.1 |
| 3X Avg. Risk | 23.4 | 11.0 |

| | | | | |
|----------------------------|-----|--|-------|---------|
| LDL/HDL Ratio | 1.8 | | ratio | 0.0-3.2 |
| Please Note: ⁰¹ | | | | |

| LDL/HDL Ratio | | |
|---------------|-----|-------|
| | Men | Women |
| 1/2 Avg. Risk | 1.0 | 1.5 |
| Avg. Risk | 3.6 | 3.2 |
| 2X Avg. Risk | 6.2 | 5.0 |
| 3X Avg. Risk | 8.0 | 6.1 |

| | | | | |
|---|------|--|------|-----------|
| C-Reactive Protein, Cardiac ⁰¹ | 2.24 | | mg/L | 0.00-3.00 |
|---|------|--|------|-----------|

| Relative Risk for Future Cardiovascular Event | | |
|---|------|--------|
| Low | | <1.00 |
| Average | 1.00 | - 3.00 |
| High | | >3.00 |

| | | | | |
|---------------------------|---------------|-------------|--------|-------------|
| ▲ TSH⁰¹ | 81.400 | High | uIU/mL | 0.450-4.500 |
|---------------------------|---------------|-------------|--------|-------------|

CMP14+LP+TP+TSH+5AC+CBC/D/P... (Cont.)

| | | | | |
|--|------|-----|--------|------------|
| ▼ Thyroxine (T4) ⁰¹ | 4.3 | Low | ug/dL | 4.5-12.0 |
| ▼ T3 Uptake ⁰¹ | 19 | Low | % | 24-39 |
| Triiodothyronine (T3) ⁰¹ | 108 | | ng/dL | 71-180 |
| Cortisol ⁰¹ | 14.8 | | ug/dL | |
| Cortisol AM 6.2 - 19.4 Cortisol PM 2.3 - 11.9 | | | | |
| Insulin-Like Growth Factor I ⁰² | 114 | | ng/mL | 60-207 |
| Testosterone, Total, LC/MS ^{A,02} | 11.9 | | ng/dL | |
| Female: Premenopausal 10.0 - 55.0 Postmenopausal 7.0 - 40.0 | | | | |
| LH ⁰¹ | 31.2 | | mIU/mL | |
| Adult Female: Follicular phase 2.4 - 12.6 Ovulation phase 14.0 - 95.6 Luteal phase 1.0 - 11.4 Postmenopausal 7.7 - 58.5 | | | | |
| FSH ⁰¹ | 81.5 | | mIU/mL | |
| Adult Female: Follicular phase 3.5 - 12.5 Ovulation phase 4.7 - 21.5 Luteal phase 1.7 - 7.7 Postmenopausal 25.8 - 134.8 | | | | |
| Progesterone ⁰¹ | 0.2 | | ng/mL | |
| Follicular phase 0.1 - 0.9 Luteal phase 1.8 - 23.9 Ovulation phase 0.1 - 12.0 Pregnant First trimester 11.0 - 44.3 Second trimester 25.4 - 83.3 Third trimester 58.7 - 214.0 Postmenopausal 0.0 - 0.1 | | | | |
| Sex Horm Binding Glob, Serum ⁰¹ | 36.0 | | nmol/L | 17.3-125.0 |
| Testost., Free, Calc | 2.0 | | pg/mL | 0.4-6.7 |

CMP14+LP+TP+TSH+5AC+CBC/D/P... (Cont.)

| | | | |
|---|------|-------|--|
| Estradiol ⁰¹ | <5.0 | pg/mL | |
| Adult Female: Follicular phase 12.5 - 166.0 Ovulation phase 85.8 - 498.0 Luteal phase 43.8 - 211.0 Postmenopausal <6.0 - 54.7 Pregnancy 1st trimester 215.0 - >4300.0 | | | |
| Roche ECLIA methodology | | | |

| | | | |
|--|------------|-------------|------------------|
| CBC, Platelet Ct, and Diff ⁰¹ | | | |
| WBC ⁰¹ | 7.1 | x10E3/uL | 3.4-10.8 |
| RBC ⁰¹ | 4.59 | x10E6/uL | 3.77-5.28 |
| Hemoglobin ⁰¹ | 14.0 | g/dL | 11.1-15.9 |
| Hematocrit ⁰¹ | 42.0 | % | 34.0-46.6 |
| MCV ⁰¹ | 92 | fL | 79-97 |
| MCH ⁰¹ | 30.5 | pg | 26.6-33.0 |
| MCHC ⁰¹ | 33.3 | g/dL | 31.5-35.7 |
| RDW ⁰¹ | 12.8 | % | 11.7-15.4 |
| Platelets ⁰¹ | 305 | x10E3/uL | 150-450 |
| Neutrophils ⁰¹ | 48 | % | Not Estab. |
| Lymphs ⁰¹ | 31 | % | Not Estab. |
| Monocytes ⁰¹ | 8 | % | Not Estab. |
| Eos ⁰¹ | 10 | % | Not Estab. |
| Basos ⁰¹ | 2 | % | Not Estab. |
| Neutrophils (Absolute) ⁰¹ | 3.6 | x10E3/uL | 1.4-7.0 |
| Lymphs (Absolute) ⁰¹ | 2.2 | x10E3/uL | 0.7-3.1 |
| Monocytes(Absolute) ⁰¹ | 0.5 | x10E3/uL | 0.1-0.9 |
| ▲ Eos (Absolute)⁰¹ | 0.7 | High | x10E3/uL 0.0-0.4 |
| Baso (Absolute) ⁰¹ | 0.1 | x10E3/uL | 0.0-0.2 |
| Immature Granulocytes ⁰¹ | 1 | % | Not Estab. |
| Immature Grans (Abs) ⁰¹ | 0.1 | x10E3/uL | 0.0-0.1 |
| Urinalysis Gross Exam ⁰¹ | | | |
| Specific Gravity ⁰¹ | 1.020 | | 1.005-1.030 |
| pH ⁰¹ | 6.0 | | 5.0-7.5 |
| Urine-Color ⁰¹ | Yellow | | Yellow |

CMP14+LP+TP+TSH+5AC+CBC/D/P... (Cont.)

| | | | |
|---------------------------------------|------------|-----------------|----------------|
| Appearance ⁰¹ | Clear | | Clear |
| ▶ WBC Esterase⁰¹ | 3+ | Abnormal | Negative |
| Protein ⁰¹ | Negative | | Negative/Trace |
| Glucose ⁰¹ | Negative | | Negative |
| Ketones ⁰¹ | Negative | | Negative |
| Occult Blood ⁰¹ | Negative | | Negative |
| Bilirubin ⁰¹ | Negative | | Negative |
| Urobilinogen,Semi-Qn ⁰¹ | 0.2 | | mg/dL 0.2-1.0 |
| Nitrite, Urine ⁰¹ | Negative | | Negative |
| Microscopic Examination ⁰¹ | See below: | | |

Microscopic was indicated and was performed.

| | | | | |
|--|--------------|-----------------|------|---------------|
| ▶ WBC⁰¹ | 11-30 | Abnormal | /hpf | 0 - 5 |
| RBC ⁰¹ | None seen | | /hpf | 0 - 2 |
| Epithelial Cells (non renal) ⁰¹ | 0-10 | | /hpf | 0 - 10 |
| Casts ⁰¹ | None seen | | /lpf | None seen |
| Bacteria ⁰¹ | None seen | | | None seen/Few |

Insulin

| Test | Current Result and Flag | Previous Result and Date | Units | Reference Interval |
|-----------------------|-------------------------|--------------------------|--------|--------------------|
| Insulin ⁰¹ | 15.4 | | uIU/mL | 2.6-24.9 |

Disclaimer

The Previous Result is listed for the most recent test performed by Labcorp in the past 3 years where there is sufficient patient demographic data to match the result to the patient.

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

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