

**Ordered Items**

CMP14+LP+CBC/D/Plt+PSA+FSH+...; Venipuncture

| TESTS                                 | RESULT      | FLAG        | UNITS       | REFERENCE INTERVAL | LAB |
|---------------------------------------|-------------|-------------|-------------|--------------------|-----|
| <b>CMP14+LP+CBC/D/Plt+PSA+FSH+...</b> |             |             |             |                    |     |
| Glucose                               | 77          |             | mg/dL       | 65 - 99            | 01  |
| BUN                                   | 9           |             | mg/dL       | 6 - 20             | 01  |
| <b>Creatinine</b>                     | <b>1.38</b> | <b>High</b> | mg/dL       | 0.76 - 1.27        | 01  |
| eGFR If NonAfricn Am                  | 67          |             | mL/min/1.73 | >59                |     |
| eGFR If Africn Am                     | 77          |             | mL/min/1.73 | >59                |     |
| <b>BUN/Creatinine Ratio</b>           | <b>7</b>    | <b>Low</b>  |             | 9 - 20             |     |
| Sodium                                | 138         |             | mmol/L      | 134 - 144          | 01  |
| Potassium                             | 4.6         |             | mmol/L      | 3.5 - 5.2          | 01  |
| Chloride                              | 98          |             | mmol/L      | 96 - 106           | 01  |
| Carbon Dioxide, Total                 | 24          |             | mmol/L      | 20 - 29            | 01  |
| Calcium                               | 9.3         |             | mg/dL       | 8.7 - 10.2         | 01  |
| Protein, Total                        | 7.0         |             | g/dL        | 6.0 - 8.5          | 01  |
| Albumin                               | 4.7         |             | g/dL        | 3.5 - 5.5          | 01  |
| Globulin, Total                       | 2.3         |             | g/dL        | 1.5 - 4.5          |     |
| A/G Ratio                             | 2.0         |             |             | 1.2 - 2.2          |     |
| Bilirubin, Total                      | 0.9         |             | mg/dL       | 0.0 - 1.2          | 01  |
| Alkaline Phosphatase                  | 66          |             | IU/L        | 39 - 117           | 01  |
| AST (SGOT)                            | 25          |             | IU/L        | 0 - 40             | 01  |
| ALT (SGPT)                            | 25          |             | IU/L        | 0 - 44             | 01  |
| Cholesterol, Total                    | 197         |             | mg/dL       | 100 - 199          | 01  |
| Triglycerides                         | 134         |             | mg/dL       | 0 - 149            | 01  |
| HDL Cholesterol                       | 53          |             | mg/dL       | >39                | 01  |
| VLDL Cholesterol Cal                  | 27          |             | mg/dL       | 5 - 40             |     |
| <b>LDL Cholesterol Calc</b>           | <b>117</b>  | <b>High</b> | mg/dL       | 0 - 99             |     |
| LDL/HDL Ratio                         | 2.2         |             | ratio       | 0.0 - 3.6          |     |
| Please Note:                          |             |             |             |                    | 01  |

LDL/HDL Ratio  
Men Women  
DV CONS

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|--|--------|------|--------------|-------------|----------|-----|
|  |        |      | 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      |     |
| Prostate Specific Ag, Serum  | 0.8    |      | ng/mL        | 0.0 - 4.0   |          | 01  |
| Roche ECLIA methodology.   |        |      |              |             |          |     |
| According to the American Urological Association, Serum PSA should decrease and remain at undetectable levels after radical prostatectomy. The AUA defines biochemical recurrence as an initial PSA value 0.2 ng/mL or greater followed by a subsequent confirmatory PSA value 0.2 ng/mL or greater. |        |      |              |             |          |     |
| Values obtained with different assay methods or kits cannot be used interchangeably. Results cannot be interpreted as absolute evidence of the presence or absence of malignant disease.   |        |      |              |             |          |     |
| Testosterone, Serum  | 1055   | High | ng/dL        | 264 - 916   |          | 01  |
| Adult male reference interval is based on a population of healthy nonobese males (BMI <30) between 19 and 39 years old. Travison, et.al. JCEM 2017,102;1161-1173. PMID: 28324103.  |        |      |              |             |          |     |
| Free Testosterone(Direct)  | 35.7   | High | pg/mL        | 8.7 - 25.1  |          | 02  |
| LH   | <0.2   | Low  | mIU/mL       | 1.7 - 8.6   |          | 01  |
| FSH  | 1.0    | Low  | mIU/mL       | 1.5 - 12.4  |          | 01  |
| Estradiol  | 35.8   |      | pg/mL        | 7.6 - 42.6  |          | 01  |
| Roche ECLIA methodology  |        |      |              |             |          |     |
| CBC, Platelet Ct, and Diff   |        |      |              |             |          |     |
| WBC  | 7.1    |      | x10E3/uL     | 3.4 - 10.8  |          | 01  |
| RBC  | 5.28   |      | x10E6/uL     | 4.14 - 5.80 |          | 01  |
| Hemoglobin   | 15.5   |      | g/dL         | 13.0 - 17.7 |          | 01  |
| Hematocrit   | 46.2   |      | %            | 37.5 - 51.0 |          | 01  |
| MCV  | 88     |      | fL           | 79 - 97     |          | 01  |
| MCH  | 29.4   |      | pg           | 26.6 - 33.0 |          | 01  |
| MCHC   | 33.5   |      | g/dL         | 31.5 - 35.7 |          | 01  |
| RDW  | 13.3   |      | %            | 12.3 - 15.4 |          | 01  |
| Platelets  | 246    |      | x10E3/uL     | 150 - 379   |          | 01  |
| Neutrophils  | 55     |      | %            | Not Estab.  |          | 01  |
| Lymphs   | 29     |      | %            | Not Estab.  |          | 01  |
| Monocytes  | 11     |      | %            | Not Estab.  |          | 01  |
| Eos  | 4      |      | %            | Not Estab.  |          | 01  |
| Basos  | 1      |      | %            | Not Estab.  |          | 01  |
| Neutrophils (Absolute)   | 3.9    |      | x10E3/uL     | 1.4 - 7.0   |          | 01  |
| Lymphs (Absolute)  | 2.1    |      | x10E3/uL     | 0.7 - 3.1   |          | 01  |
| Monocytes (Absolute)   | 0.8    |      | x10E3/uL     | 0.1 - 0.9   |          | 01  |
| Eos (Absolute)   | 0.3    |      | x10E3/uL     | 0.0 - 0.4   |          | 01  |
| Baso (Absolute)  | 0.1    |      | x10E3/uL     | 0.0 - 0.2   |          | 01  |
| Immature Granulocytes  | 0      |      | %            | Not Estab.  |          | 01  |

DV CONS

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|----------------------|--------|------|----------|-----------|----------|-----|
| Immature Grans (Abs) | 0.0    |      | x10E3/uL | 0.0       | - 0.1    | 01  |

DV CONS