

Endocrine Control II– Level 3

Assignment of values (**LOT** 2021100803)

| Instrument | Analyte | Unit | Endocrine Control II-Level3 | |
|------------------------------|------------------|-------------|-----------------------------|---------------|
| | | | Target | Range |
| Auto Lumo A2000/A2000plus | 17 α -OHP | ng/mL | 11.48 | 8.04-14.93 |
| | 25-OH Vitamin | ng/mL | 47.23 | 33.06-61.40 |
| | ACTH | pg/mL | 179.11 | 125.38-232.85 |
| | Aldosterone | pg/mL | 561.05 | 392.73-729.36 |
| | Cortisol | μ g/dL | 35.98 | 25.18-46.77 |
| | C-Peptide | ng/mL | 10.76 | 7.53-13.99 |
| | DHEA-S | μ g/dL | 604.53 | 423.17-785.89 |
| | E2 | pg/mL | 725.97 | 508.18-943.76 |
| | Folate | ng/mL | 14.96 | 10.47-19.44 |
| | FSH | mIU/mL | 45.41 | 31.79-59.03 |
| | FT3 | pmol/L | 23.01 | 16.10-29.91 |
| | FT4 | pmol/L | 47.97 | 33.58-62.36 |
| | HGH | ng/mL | 19.10 | 13.37-24.83 |
| | IGF-1 | ng/mL | 508.94 | 356.26-661.62 |
| | Insulin | μ IU/mL | 109.41 | 76.59-142.24 |
| | LH | mIU/mL | 45.33 | 31.73-58.93 |
| | PRG | ng/mL | 28.96 | 20.27-37.65 |
| | PRL | μ IU/mL | 735.36 | 514.75-955.97 |
| | T3 | ng/mL | 3.45 | 2.42-4.49 |
| | T4 | μ g/dL | 13.66 | 9.56-17.75 |
| | Testosterone | ng/mL | 9.72 | 6.81-12.64 |
| | TG | ng/mL | 162.03 | 97.22-226.84 |
| | TSH | μ IU/mL | 27.61 | 19.33-35.89 |
| Vitamin B12 | pg/mL | 776.75 | 543.73-1009.78 | |
| β -HCG | mIU/mL | 398.19 | 278.74-517.65 | |
| Abbott I2000sr | C-Peptide | ng/mL | 7.60 | 5.32-9.87 |
| | E2 | pg/mL | 389.98 | 272.98-506.97 |
| | FSH | mIU/mL | 36.43 | 25.50-47.36 |
| | FT3 | pg/mL | 14.73 | 10.31-19.14 |
| | FT4 | ng/dL | 2.05 | 1.43-2.66 |
| | Insulin | μ IU/mL | 86.45 | 60.52-112.39 |
| | LH | mIU/mL | 33.08 | 23.16-43.01 |
| | PRG | ng/mL | 23.99 | 16.79-31.18 |
| | PRL | ng/mL | 25.33 | 17.73-32.93 |
| | T3 | ng/mL | 5.95 | 4.16-7.73 |
| | T4 | μ g/dL | 12.84 | 8.99-16.70 |
| | Testosterone | nmol/L | 20.10 | 14.07-26.13 |
| | TSH | μ IU/mL | 24.27 | 16.99-31.55 |
| Beckman DXI800 | Cortisol | μ g/dL | 24.52 | 17.16-31.88 |
| | E2 | pg/mL | 667.28 | 467.1-867.46 |
| | Folate | ng/mL | 11.15 | 7.81-14.50 |
| | FSH | IU/L | 51.53 | 36.07-66.99 |
| | FT3 | pmol/L | 22.55 | 15.79-29.32 |

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|-----------------------------|---------------|-------------|----------------|------------------|
| | FT4 | pmol/L | 48.64 | 34.05-63.23 |
| | Insulin | μ IU/mL | 75.03 | 52.52-97.54 |
| | LH | IU/L | 37.38 | 26.17-48.59 |
| | PRG | ng/ml | 34.13 | 23.89-44.37 |
| | PRL | ng/mL | 19.52 | 13.66-25.38 |
| | T3 | nmol/L | 7.59 | 5.31-9.87 |
| | T4 | nmol/L | 145.36 | 101.75-188.97 |
| | Testosterone | ng/dL | 695.65 | 486.96-904.35 |
| | TSH | μ IU/mL | 23.27 | 16.29-30.26 |
| | Vitamin B12 | pg/mL | 716.00 | 501.2-930.8 |
| Roche Cobas E601 | 25-OH Vitamin | ng/mL | > 70.00 | > 70.00 |
| | Cortisol | nmol/L | 794.18 | 555.93-1032.43 |
| | C-Peptide | ng/mL | 7.66 | 5.36-9.96 |
| | DHEA-S | μ g/dL | 596.92 | 417.84-776.00 |
| | E2 | pg/mL | 596.58 | 417.61-775.55 |
| | Folate | ng/mL | 12.46 | 8.72-16.20 |
| | FSH | mIU/mL | 35.53 | 24.87-46.18 |
| | FT3 | pmol/L | 34.34 | 24.03-44.64 |
| | FT4 | pmol/L | 52.66 | 36.86-68.46 |
| | HGH | pg/mL | 13475 | 9433-17518 |
| | Insulin | μ IU/mL | 78.89 | 55.22-102.55 |
| | LH | mIU/mL | 37.82 | 26.47-49.17 |
| | PRG | ng/mL | 35.60 | 24.92-46.28 |
| | PRL | μ IU/mL | 551.74 | 386.22-717.26 |
| | T3 | nmol/L | > 10.00 | > 10.00 |
| | T4 | nmol/L | 175.50 | 122.85-228.15 |
| | Testosterone | ng/mL | 8.22 | 5.75-10.69 |
| | TG | ng/mL | 424.50 | 297.15- > 500.00 |
| | TSH | mIU/L | 25.23 | 17.66-32.79 |
| | Vitamin B12 | pg/mL | 985.72 | 690.00-1281.44 |
| β -HCG | mIU/mL | 404.10 | 282.87-525.33 | |
| Siemens Advia Centaur XP | Cortisol | ug/dL | 26.67 | 18.67-34.67 |
| | C-Peptide | ng/mL | 6.49 | 4.54-8.44 |
| | E2 | pg/mL | 704.81 | 493.37-916.25 |
| | Folate | ng/mL | 16.29 | 11.41-21.18 |
| | FSH | mIU/mL | 52.54 | 36.78-68.31 |
| | FT3 | pg/mL | 18.11 | 12.68-23.55 |
| | FT4 | ng/dL | 2.18 | 1.53-2.83 |
| | Insulin | mU/L | 94.93 | 66.45-123.41 |
| | LH | mIU/mL | 40.60 | 28.42-52.78 |
| | PRG | ng/mL | 21.57 | 15.10-28.04 |
| | PRL | ng/mL | 19.78 | 13.85-25.72 |
| | T3 | ng/mL | 5.64 | 3.94-7.33 |
| | T4 | ug/dL | 12.01 | 8.40-15.61 |
| | TSH | uIU/mL | 27.78 | 19.45-36.12 |
| Vitamin B12 | pg/mL | 992.15 | 694.50-1289.79 | |

Remark: The range produced herein should only be considered as a reference and it is recommended that each laboratory establish its own mean and acceptable ranges.