

**Lawrence**

290 Central Avenue - Suite 107, Lawrence, NY 11559

Tel: (516) 239-8877 Fax: (516) 224-1745

**Specimen Date/Time: 8/21/2019 4:10 PM Report Status: Final**

Patient Name: [REDACTED]

DOB: 1/29/1990

Page: 1

Patient Number: 6701451

Gender: Male

8/21/2019

Report Date: 8/22/2019 8:38 AM

Laboratory Use Only: AN: SC, RN: 1182462, SN: 6701451190821

**Comments:**

| Result  | Value (Previous) | Units                | Range        | Lab        |
|---|------------------|----------------------|--------------|------------|
| <b>CBC -Final</b> <i>Ordered by: Michael Rotman, MD</i> |                  |                      |              |            |
| WBC   | 8.4              | x10 <sup>3</sup> /UL | 4.0 - 10.5   | NYCSLAB-BV |
| RBC   | 5.45             | x10 <sup>6</sup> /UL | 4.50 - 6.50  | NYCSLAB-BV |
| Hgb   | 14.4             | g/dl                 | 13.0 - 17.0  | NYCSLAB-BV |
| HCT   | 47.0             | %                    | 40.0 - 54.0  | NYCSLAB-BV |
| MCV   | 86.2             | fL                   | 80.0 - 100.0 | NYCSLAB-BV |
| MCH   | 26.4 <i>Low</i>  | pg                   | 27.0 - 32.0  | NYCSLAB-BV |
| MCHC  | 30.6 <i>Low</i>  | g/dL                 | 32.0 - 36.0  | NYCSLAB-BV |
| RDW   | 14.4             | %                    | 11.0 - 16.0  | NYCSLAB-BV |
| MPV   | 12.1 <i>High</i> | fL                   | 6.0 - 11.0   | NYCSLAB-BV |
| Plat  | 239              | x10 <sup>3</sup> /UL | 150 - 500    | NYCSLAB-BV |
| Gran%   | 62.0             | %                    | 42.2 - 75.2  | NYCSLAB-BV |
| Lymph%  | 24.2             | %                    | 20.5 - 51.1  | NYCSLAB-BV |
| MONO%   | 8.6              | %                    | 1.7 - 9.3    | NYCSLAB-BV |
| EOS%  | 4.4              | %                    | 0.7 - 6.0    | NYCSLAB-BV |
| BASO%   | 0.6              | %                    | 0.1 - 1.2    | NYCSLAB-BV |
| ANC   | 5.2              | x10 <sup>3</sup> /UL | 1.5 - 6.5    | NYCSLAB-BV |
| Lymph#  | 2.0              | x10 <sup>3</sup> /UL | 1.2 - 3.4    | NYCSLAB-BV |
| MONO#   | 0.7 <i>High</i>  | x10 <sup>3</sup> /UL | 0.1 - 0.6    | NYCSLAB-BV |
| EOS#  | 0.4              | x10 <sup>3</sup> /UL | 0.0 - 0.4    | NYCSLAB-BV |
| BASO#   | 0.1              | x10 <sup>3</sup> /UL | 0.0 - 0.2    | NYCSLAB-BV |
| <b>-- End of Report --</b>                              |                  |                      |              |            |

Signed By: Michael Rotman MD on 8/22/2019 at 2:17 PM

**Lawrence**

290 Central Avenue - Suite 107, Lawrence, NY 11559

Tel: (516) 239-8877 Fax: (516) 224-1745

**Specimen Date/Time: 8/21/2019 4:10 PM Report Status: Final**

Patient Name: [REDACTED]

DOB: 1/29/1990

Page: 1

Patient Number: 6701451

Gender: Male

8/21/2019

Report Date: 8/22/2019 1:20 PM

Laboratory Use Only: AN: SC, RN: 1182463, SN: 6701451190821

**Comments:**

| Result   | Value (Previous) | Units  | Range        | Lab         |
|--|------------------|--------|--------------|-------------|
| <b>Comprehensive Metabolic Panel -Final</b> <i>Ordered by: Michael Rotman, MD</i>  |                  |        |              |             |
| Glucose  | 84               | mg/dL  | 74 - 109     | NYCSLAB--AV |
| BUN  | 17.0             | mg/dL  | 6.0 - 20.0   | NYCSLAB--AV |
| Creat  | 1.11             | mg/dL  | 0.70 - 1.20  | NYCSLAB--AV |
| BUN Creat Ratio  | 15.3             | calc   | 8.0 - 19.0   | NYCSLAB--AV |
| GFR  | 83.2             | mL/min | >60.0        | NYCSLAB--AV |
| Sodium   | 142              | mmol/L | 136 - 145    | NYCSLAB--AV |
| Potassium  | 4.4              | mmol/L | 3.5 - 5.1    | NYCSLAB--AV |
| Chloride   | 101              | mmol/L | 98 - 107     | NYCSLAB--AV |
| CO2  | 24               | mmol/L | 22 - 29      | NYCSLAB--AV |
| Calcium  | 9.8              | mg/dL  | 8.6 - 10.0   | NYCSLAB--AV |
| Total Protein  | 8.0              | g/dL   | 6.6 - 8.7    | NYCSLAB--AV |
| Albumin  | 4.9              | g/dL   | 3.5 - 5.2    | NYCSLAB--AV |
| Globulin   | 3.1              | calc   | 2.5 - 3.5    | NYCSLAB--AV |
| A/G  | 1.6              | calc   |              | NYCSLAB--AV |
| Alk Phos   | 116.0            | U/L    | 40.0 - 140.0 | NYCSLAB--AV |
| Total Bili   | 0.5              | mg/dL  | <1.2         | NYCSLAB--AV |
| ALT  | 45.0 <i>High</i> | U/L    | <41.0        | NYCSLAB--AV |
| AST  | 63.0 <i>High</i> | U/L    | <40.0        | NYCSLAB--AV |
| <b>Lipid Panel -Final</b> <i>Ordered by: Michael Rotman, MD</i>  |                  |        |              |             |
| Cholesterol  | 146              | mg/dL  | <200         | NYCSLAB--AV |
| <i>High cholesterol = 240 mg/dL<br/>Desirable cholesterol level &lt; 200 mg/dL<br/>Borderline high cholesterol 200-239 mg/dL</i> |                  |        |              |             |
| Triglyceride   | 55               | mg/dl  | <150         | NYCSLAB--AV |

|   |           |        |               |             |
|---|-----------|--------|---------------|-------------|
| HDL   | 61        | mg/dL  | >35           | NYCSLAB--AV |
| Female > 65 mg/dL -NO RISK<br>45-65 mg/dL -MODERATE<br><45 mg/dL -HIGH<br>Males > 55 mg/dL - NO RISK<br>35-55 mg/dL - MODERATE<br>< 35 mg/dL - HIGH   |           |        |               |             |
| HDL Risk Factor   | 2.4       | calc   | 0.0 - 50.0    | NYCSLAB--AV |
| LDL   | 80        | mg/dL  | <129          | NYCSLAB--AV |
| Optimal < 100 mg/dL<br>Near optimal/above optimal 100-129 mg/dL<br>Borderline high 130-159 mg/dL<br>High 160-189 mg/dL<br>Very high = 190 mg/dL   |           |        |               |             |
| VLDL Cholesterol  | 11.0      | calc   |               | NYCSLAB--AV |
| <b>Free PSA -Final</b> Ordered by: Michael Rotman, MD   |           |        |               |             |
| PSA Total   | 0.714     | ng/mL  | 0.000 - 4.000 | NYCSLAB-MN  |
| % FREE P S A  | 36        | %      |               | NYCSLAB-MN  |
| The table below lists the probability of prostate cancer for men with non-suspicious DRE results and total PSA between 4 and 10 ng/mL, by patient age (Catalona et al, JAMA 1998,279:1542).<br>% Free PSA 50 - 64 yr 65 - 75 yr<br>0.00 - 10.00% 56% 55%<br>10.01 - 15.00% 24% 35%<br>15.01 - 20.00% 17% 23%<br>20.01 - 25.00% 10% 20%<br>>25.00% 5% 9%<br>Please note: Catalona et al did not make specific recommendations regarding the use of percent free PSA for any other population of men. |           |        |               |             |
| P S A, FREE   | 0.272     | ng/mL  |               | NYCSLAB-MN  |
| <b>FSH -Final</b> Ordered by: Michael Rotman, MD  |           |        |               |             |
| FSH   | 0.1 Low   | mIU/mL | 1.5 - 12.4    | NYCSLAB--AV |
| FSH Reference Range Note:<br>Adult Male (mIU/mL): 1.5 - 12.4<br>Adult Female (mIU/mL): Follicular 3.5 - 12.5 Ovulatory 4.7 - 21.5 Luteal 1.7 - 7.7<br>Postmenopausal 25.8 - 134.8   |           |        |               |             |
| <b>LH -Final</b> Ordered by: Michael Rotman, MD   |           |        |               |             |
| LH  | <0.10 Low | mIU/mL | 1.70 - 8.60   | NYCSLAB--AV |
| LH Reference Range Note:<br>Adult Male (mIU/mL): 1.7 - 8.6<br>Adult Female (mIU/mL): Follicular 2.4 - 12.6 Ovulation 14.0 - 95.6 Luteal 1.0 - 11.4<br>Postmenopausal 7.7 - 58.5   |           |        |               |             |
| <b>Prolactin -Final</b> Ordered by: Michael Rotman, MD  |           |        |               |             |

|  |                    |        |               |             |
|--|--------------------|--------|---------------|-------------|
| Prolactin  | 12.0               | ng/mL  | 4.0 - 15.2    | NYCSLAB--AV |
| TSH -Final Ordered by: Michael Rotman, MD  |                    |        |               |             |
| TSH  | 0.718              | ulu/mL | 0.450 - 4.500 | NYCSLAB--AV |
| T3 Uptake -Final Ordered by: Michael Rotman, MD  |                    |        |               |             |
| T3 Uptake  | 39.9 <i>High</i>   | %      | 24.0 - 39.0   | NYCSLAB-MN  |
| Age Male (%) Female (%)<br>12 to 15 y 25?37 23?37<br>16 to 18 y 24?38 23?35<br>>18 y 24?39 24?39   |                    |        |               |             |
| Estradiol III (E2) -Final Ordered by: Michael Rotman, MD   |                    |        |               |             |
| Estradiol  | 32.8               | pg/mL  | 11.3 - 43.2   | NYCSLAB--AV |
| Estradiol Reference Range Note:<br>Male: 11.3 - 43.2<br>Female: Follicular Phase: 12.4 - 233<br>Ovulation Phase: 41.0 - 398<br>Luteal Phase: 22.3 - 341<br>Postmenopause: <5 - 138<br>Pregnant 1st trimester: 154 - 3243<br>Pregnant 2nd trimester: 1561 - 21280<br>Pregnant 3rd trimester: 8525 - >30000                  |                    |        |               |             |
| Bioavailable Testosterone -Final Ordered by: Michael Rotman, MD  |                    |        |               |             |
| Albumin  | 4.9                | g/dL   | 3.5 - 5.2     | NYCSLAB-MN  |
| Testosterone Total   | 1171.0 <i>High</i> | ng/dL  | 249.0 - 836.0 | NYCSLAB-MN  |
| Testosterone Reference Range Note:<br>Tanner Male Female<br>Stage ng/ml ng/ml<br>I <3 <3 - 6<br>II <3 - 432 <3 - 10<br>III 65 - 778 <3 - 24<br>IV 180 - 763 <3 - 27<br>V 188 - 882 5 - 38<br><br>Adult Male 20 - 49 years: 249 - 836<br>>=50 years: 193 - 740<br>Adult Female 20 to 49 years: 8 - 48<br>>=50 years: 3 - 41 |                    |        |               |             |
| SHBG   | 60.94 <i>High</i>  | nmol/L | 16.50 - 55.90 | NYCSLAB-MN  |
| Free Testosterone, Calculated  | 18.51              | ng/dl  | 2.29 - 20.70  | NYCSLAB-MN  |
| Bioavailable Testosterone  | 492                | ng/dL  | 15 - 575      | NYCSLAB-MN  |
| % Bioavailable Testosterone  | 42.0               | %      |               | NYCSLAB-MN  |
| % Free Testosterone, Calculated  | 1.58               | %      |               | NYCSLAB-MN  |
| T4 Free -Final Ordered by: Michael Rotman, MD  |                    |        |               |             |

|                            |      |       |             |            |
|----------------------------|------|-------|-------------|------------|
| Free Thyroxine (FT4)       | 1.51 | ng/dl | 0.93 - 1.77 | NYCSLAB-MN |
| <b>-- End of Report --</b> |      |       |             |            |

Signed By: Michael Rotman MD on 8/29/2019 at 7:37 AM

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**Specimen Date/Time: 8/21/2019 4:10 PM Report Status: Final**

Patient Name: [REDACTED]

DOB: 1/29/1990

Page: 1

Patient Number: 6701451

Gender: Male

8/21/2019

Report Date: 8/22/2019 1:47 PM

Laboratory Use Only: AN: SC, RN: 1182464, SN: 6701451190821

**Comments:**

| Result  | Value (Previous) | Units | Range        | Lab        |
|---|------------------|-------|--------------|------------|
| Vitamin D -Final Ordered by: Michael Rotman, MD |                  |       |              |            |
| Vitamin D                                       | 15.9 Low         | ng/mL | 30.0 - 100.0 | NYCSLAB-SA |
| -- End of Report --                             |                  |       |              |            |

Signed By: Michael Rotman MD on 8/23/2019 at 1:36 PM

**Lawrence**

290 Central Avenue - Suite 107, Lawrence, NY 11559

Tel: (516) 239-8877 Fax: (516) 224-1745

**Specimen Date/Time: 8/21/2019 4:10 PM Report Status: Final**

Patient Name: [REDACTED]

DOB: 1/29/1990

Page: 1

Patient Number: 0701451

Gender: Male

8/21/2019

Report Date: 8/30/2019 10:05 AM

Laboratory Use Only: AN: RN004792, RN: 23447553450, SN: 1182465

**Comments:**

| Result   | Value (Previous) | Units | Range | Lab        |
|--|------------------|-------|-------|------------|
| <b>Dihydrotestosterone -Final</b> <i>Ordered by: M Rotman, MD</i>  |                  |       |       |            |
| Dihydrotestosterone  | 89 <i>High</i>   | ng/dL |       | LabCorp-01 |
| <i>Reference Range:</i><br><i>Adult Male: 30 - 85</i>  |                  |       |       |            |
| <i>Performing Location: 01 = Esoterix Inc; 4301 Lost Hills Road Calabasas Hills, CA 913015358 Phone: 8004449111</i><br><i>Dir: Samuel H. Pepkowitz, MD, MD</i> |                  |       |       |            |
| <b>- End of Report -</b>   |                  |       |       |            |

Signed By: Michael Rotman MD on 8/30/2019 at 11:11 AM