**Table 1 showing the initial lab results for patient in Case 1:**

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| --- | --- | --- |
| Lab Parameter | Result | Normal Range |
| Cortisol | 12.13µg/dl | 4.3-22.4 µg/dl |
| Follicle stimulating hormone (FSH) | 3.63 mIU/mL | 2.8-11.3 mIU/mL |
| Luteinizing hormone (LH) | 0.825 mIU/mL | 0-9 mIU/mL (on oral contraceptives) |
| Prolactin | 86.4 ng/ml | 1.90-25 ng/ml |
| Free T4 | 0.29 ng/dl | 0.8- 2.7 ng/dl |
| Thyroid stimulating Hormone (TSH) | >150 µIU/mL | 0.7- 6.4 µIU/mL |
| Insulin like growth Factor (IGF-1) | 77.3 ng/mL | 113-323 ng/mL |