**Table 4 shows complete pituitary profile results for patient (Case 2):**

|  |  |  |
| --- | --- | --- |
| Hormone | Result | Normal range |
| Free T4 | 0.88 ng/dl | 0.89-1.76 ng/dl |
| TSH | 142.74 µIU/ml | 0.35-5.5µIU/ml |
| FSH | 5.65 mIU/mL | 2.8-11.3 mIU/mL |
| LH | 13.6 mIU/mL | 1.1-77 mIU/mL |
| Cortisol | 19.63 µg/dl | AM-5.27-22.45 µg/dl PM-3.44-16.76 µg/dl |
| prolactin | 21 ng/ml | 1.9-25 ng/ml |
| Insulin like growth factor | 157 ng/ml | 99-289 ng/ml |
|  |  |  |