

Table II. Test Results Indicative of the Central Secondary or Tertiary Hypothyroidism

TSH	Free T4	TRH Stimulator	Prolactin
<p>Normal or Low; consistent with pituitary hypothyroidism. Bio inactive forms of TSH may obscure TSH actual decreased inactivity; Negative feedback seen in primary hypothyroidism not seen in secondary or tertiary.</p>	<p>Increased or normal consistent with pituitary or hypothalamus hypothyroid</p>	<p>Normal; double TSH in 30 minutes; Hypopituitary double TSH 45-60 minutes; Pituitary no response in TSH; Primary hypothyroid exaggerated response</p>	<p>Prolactin normal level seen after TRH stimulator are useful in differentiating TSH from other central hypothyroidism</p>