

Characterization of Thyroid Disease According to Results of Thyroid Function Tests

Disorder	TSH	T ξ	T Υ	FT ξ	Thyroglobulin	TBG	rT Υ
Primary Hypothyroidism	↑	↓	N - ↓	↓	N - ↓	N	↓
Transient Neonatal Hypothyroidism	↑	↓	↓	↓	N - ↓	N	↓
Hashimoto Thyroiditis Hypothyroidism	↑	N - ↓	N - ↓	N - ↓	N - ↓	N	↓
Graves Disease	↓	↑	↑	↑	↑	N	↑
Neonatal Graves Disease	↓	↑	↑	↑	↑	N	↑
TSH Deficiency	N - ↓	↓	↓	↓	↓	N	↓
Thyroid Dishormonogenesis	↑	↓	↓	↓	↑ - N - ↓	N	↑
Thyroid Hormone Resistance	↑ - N	↑	↑	↑	↑	N	↑
TSH-dependent Hyperthyroidism	↑	↑	↑	↑	↑	N	↑
T ξ Protein Binding Abnormalities	N	V	V	N	N	V	V
Non Thyroidal Illness	V	N - ↓	↓	V	N	N	↑ - N
Subacute Thyroiditis	↑ - ↓	↑ - ↓	↑ - ↓	↑ - ↓	↑ - ↓	N	↑ - ↓

TSH: Thyroid Stimulating Hormone; T ξ :Thyroxine; T Υ : Triiodothyronine; FT ξ : Free Thyroxine; TBG: Thyroxine-binding Globulin; rT Υ : Reverse T Υ ;

N: Normal; V: Variable

Source: Henry's clinical diagnosis & management by laboratory methods