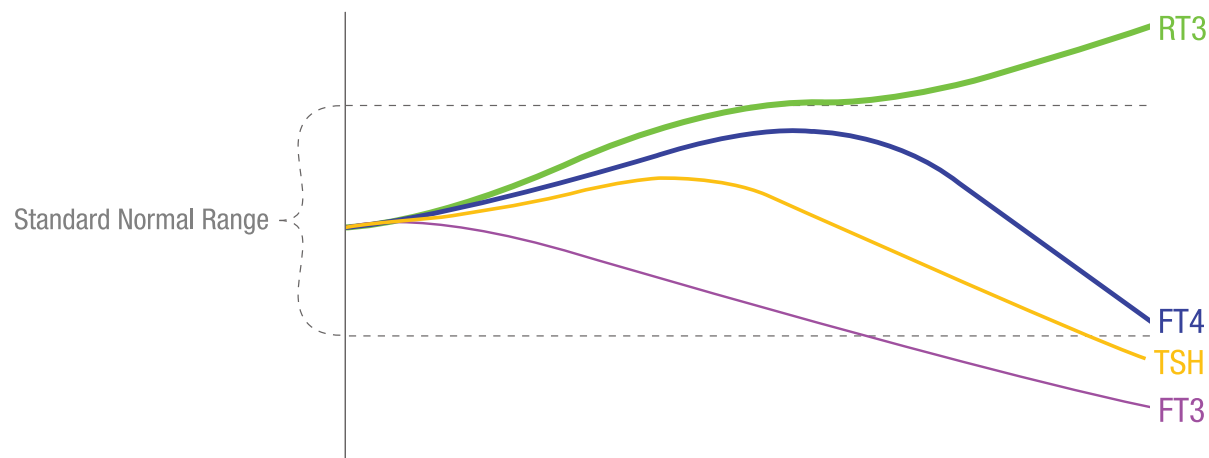


Associated serum thyroid levels with progressively decreasing tissue thyroid levels due to stress, illness, depression, calorie reduction or aging (Why standard blood tests lack sensitivity to detect low thyroid in the presence of such conditions)

Demonstrates why TSH levels lack the accuracy to detect cellular levels and the free T3/reverse T3 ratio is the most accurate method to determine cellular thyroid levels in the presence of physiologic stress, illness, depression or obesity.



Severity of illness/depression stress/calorie reduction	none	mild	moderate	severe
Normal aging	young	middle	older	elderly
Tissue hypothyroidism (diminished tissue T3 level)	none/mild	mild/moderate	moderate/severe	severe
Inaccuracy of TSH and T4 levels	none	potentially significant	significant	substantial
Diminished utilization of T4	none/mild	mild/moderate	moderate/severe	severe