

Thyroid Panel Interpretation

CONDITION	TSH LEVEL	FREE T4 LEVEL	TYPICAL INTERPRETATION
Primary Hypothyroidism	High (↑)	Low (↓)	Underactive thyroid; gland not producing enough hormone.
Subclinical Hypothyroidism	High (↑)	Normal	Early stage thyroid failure; pituitary compensating.
Primary Hyperthyroidism	Low (↓)	High (↑)	Overactive thyroid; producing excess hormone.
Subclinical Hyperthyroidism	Low (↓)	Normal	Mildly overactive; often asymptomatic.
Central Hypothyroidism	Low/Normal	Low (↓)	Pituitary or hypothalamic dysfunction.
Euthyroid (Normal)	Normal	Normal	Thyroid function within standard reference range.

Note: Reference ranges may vary by laboratory. This chart is for educational purposes only and does not constitute medical advice. Always consult with a healthcare professional regarding lab results.