

	Test Name	Reference Range	Relevance
1	Thyrotropin (sensitive TSH)	Male/Female: ≤ 13 yr 0.70-4.20 mIU/L ≥ 13 yr 0.32-4.00 mIU/L	A high reading indicates hypothyroidism A low reading indicates hyperthyroidism
2	Free Thyroxine (Free T4)	Male/Female: < 1 yr 11-22 pmol/L 1-18 yr 11-18 pmol/L 18 yr 9-19 pmol/L	A high reading indicates hyperthyroidism A low reading indicates hypothyroidism
3	Free Triiodothyronine (Free T3)	Free Triiodothyronine (Free T3)	Male: <1 yr 3.6-7.5 pmol/L 1-11 yr 4.3-6.8 pmol/L 12-14 yr 4.4-6.6 pmol/L
4	Male: 15-18 yr 3.5-5.9 pmol/L >18 yr 3.1-6.2 pmol/L	Female: < 1 yr 3.6-7.5 pmol/L 1-11 yr 4.3-6.8 pmol/L 12-14 yr 3.8-6.1 pmol/L 15-18 yr 3.6-5.7 pmol/L > 18 yr 3.1-6.2 pmol/L	A high reading indicates hyperthyroidism A low reading indicates hypothyroidism
5	Anti-Thyroid Peroxidase	<35 kIU/L	Above range indicates probably an autoimmune disease e.g. Hashimoto's, Graves' disease, Lupus, etc.
6	Anti-Thyroglobulin	<40 kIU/L	Above range indicates Hashimoto's (hypothyroidism)