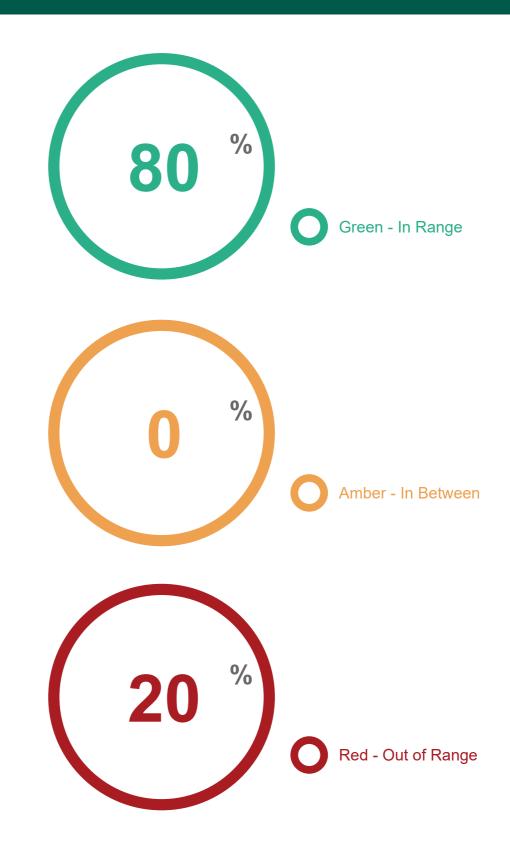
Order	Example Report	
Name	FirstName LastName	
Date of Birth	DD-Mmm-YYYY	
Fasted For	XX hours and XX minutes	
Date of Sample Collection	DD-Mmm-YYYY	
Date of Report	DD-Mmm-YYYY	
Programme	Thyroid	

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Health Status

Track and improve your Health Status each time you visit Randox Health.



Your Results of Interest

The results presented in this section are a summary of all the tests that are either positive or fall outside the reference ranges. What does this mean? A reference range is a term used to determine if your results are within what is considered to be the 'normal' range of the population. If your results are outside the range for a test, it does not automatically mean the result is abnormal. Depending on each person's individual medical history, current medications and ongoing conditions or diseases, the results must be interpreted in this context to fully understand what these results mean to you. Therefore, in this section those results that are either positive or fall outside the reference range are highlighted so that they can be reviewed by a GP / Consultant to understand the relevance to your health. These results will also appear again throughout the report alongside the other results for that profile.



Thyroid Health

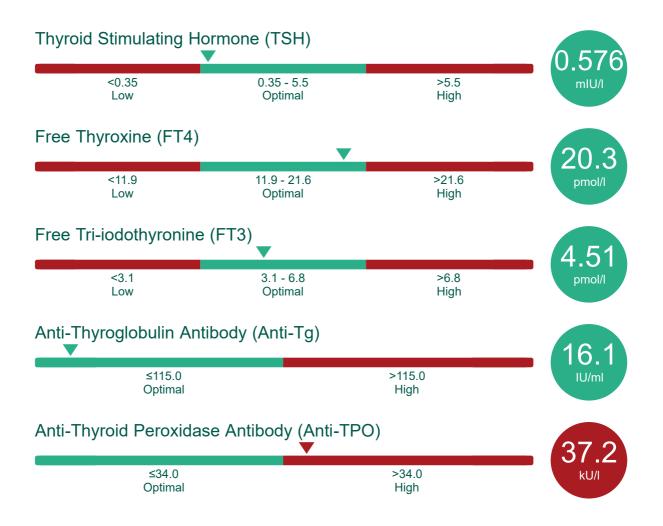
Anti-Thyroid Peroxidase Antibody (Anti-TPO)

Anti-Thyroid Peroxidase Antibody (Anti-TPO) is a protein produced by the immune system that attacks thyroid peroxidase (an enzyme found in the thyroid gland). Elevated anti-TPO levels are associated with Hashimoto's thyroiditis, an autoimmune condition that causes hypothyroidism (an underactive thyroid gland) and Graves' disease, an autoimmune condition that causes hyperthyroidism (an overactive thyroid gland).





The thyroid gland plays an important role in controlling the body's metabolism by producing hormones. The thyroid hormones help the body to use energy, stay warm and keep the heart, brain, muscle and other organs functioning properly. Thyroid Health consists of tests that can be used to help diagnose an 'underactive thyroid' (hypothyroidism) or an 'overactive thyroid' (hyperthyroidism), or to monitor the treatment of these conditions.



Results for your Doctor

This section contains all your test results. Your doctor may prefer to see your test results in this format. The results that are either positive or fall outside the reference range are highlighted in red.

Test	Result	Units	Reference Range			
Thyroid Health						
Thyroid Stimulating Hormone (TSH)	0.576	mIU/I	0.35 - 5.5 Optimal			
Free Thyroxine (FT4)	20.3	pmol/l	11.9 - 21.6 Optimal			
Free Tri-iodothyronine (FT3)	4.51	pmol/l	3.1 - 6.8 Optimal			
Anti-Thyroglobulin Antibody (Anti-Tg)	16.1	IU/ml	≤115.0 Optimal			
Anti-Thyroid Peroxidase Antibody (Anti-TPO)	37.2	kU/I	≤34.0 Optimal >34.0 High			