

Patient Name

SAMPLE

Patient Date of Birth

dd/mm/yyyy

Test Analysis

SAMPLE

Date Completed



Disclaimer

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PATIENT FIRST NAME :

PATIENT SURNAME:

DATE OF BIRTH:

GENDER:

ADDRESS:

Complete Thyroid Assessement

BLOOD SPOT

Complete Thyroid Assessment

	Result	Range	Units	
TSH, BS	0.7	0.5 - 5.0	mIU/mL	
FT4, BS	15.4	11.0 - 21.0	pmol/L	
FT3, BS	3.0	3.0 - 6.0	pmol/L	
TPO Antibody, BS	29.0	< 35.0	IU/mL	

Comments

There are differing views regarding reference ranges of TSH. New reference ranges using populations without thyroid disease suggest that the optimal TSH range for thyroid function should be 0.5-2.0mIU/L.

FREE T4 and FREE T3

Free T4 and T3 represent bioactive portion of thyroid hormone. The test results can identify functional or subclinical hyper- and hypothyroidism and overt hypo- and hyperthyroidism. T4 converts to active T3 or inactive rT3.

LOW FT3 LEVEL:

A low T3 level may indicate overt hypothyroidism. Treatment is indicated.

If T3 levels are in the lower part of the reference range, whilst T4 is normal, this may indicate decreased deiodinase activity.

Thyroid Peroxide Antibodies (TPO Ab)

Thyroid peroxidase (TPO) is responsible for the iodination of tyrosine residues in the thyroglobulin molecule.