

Patient Name : Demo Patient Name
Age / Sex : 33 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 15:47
Patient ID : UHID.DEMO.001

Thyroid Function Test [T3,T4,TSH]

Serum Sample

Accession No: DEMO_BARCODE **Collected On:** 21-Jan-25 15:47 **Received On:** 21-Jan-25 18:51 **Approved On:** 21-Jan-25 20:25

Observation	Result	Unit	Biological Ref. Interval	Method
Triiodothyronine (T3)	1.34	ng/mL	0.97-1.69	CLIA
Thyroxine (T4)	11.0	µg/dL	5.53-11.0	CLIA
Thyroid Stimulating Hormone (TSH)	2.01	mIU/L	0.46-4.68	CLIA

Note:

- TSH Levels are subject to circadian variation, reaching peak levels between 2-4 AM and the minimum between 6-10 PM. The variation is of the order of 50-206% Hence time of the day has influence on the measured serum TSH concentrations (Reference:Tietz Textbook of Clinical Chemistry and Molecular Diagnostics - 5th Edition Page 123). Fluctuating TSH value must be Clinically correlated.
- Circulating TSH levels are known to show a circadian rhythm & diurnal variation. The diagnosis based on one TSH value which fluctuates is not reliable. Clinical correlation is mandatory.
- Values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals.

Clinical Use:

- * Diagnose Hypothyroidism and Hyperthyroidism
- * Monitor T4 replacement of T4 suppressive therapy
- * Quantity TSH level in the subnormal range

Technology: VITROS MicroWell, MicroSensor & Intellicheck

Analyzer: Fully Automated Integrated Biochemistry and ImmunoAssay Analyzer: Vitros 5600

Remarks: Please correlate results clinically, along with FT3 and FT4 levels.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

