



SAS REFERRED THYROID FUNCTION TESTING

For use by Addenbrooke's
Hospital Lab only

Referring Hospital and Address for reports		Patient Details	
		Surname:	
		First name:	
		D.O.B.	Sex
NHS email account for reports		NHS No.	
@nhs.net		Referring Hospital Patient No.	
Referring Dr.			
Referring Dr. signature		Referring Hospital Lab No.	
Contact telephone no.		Sample Date	
Previous referral for investigations of abnormal TFT			
If Yes please give previous Addenbrooke's Hospital Specimen Number, or date, of previous sample, <i>if known</i> .			
Clinical Details (e.g. drugs (thyroid and others), current clinical details, brief medical history). Please attach further summary sheets if necessary. Also details of any previous interference studies performed.			
Drugs Delete as appropriate and provide details of the dose		No drug information available	
Thyroxine	T3	Amiodarone	Heparin
Carbimazole	Other drugs and dose (please list)		
PTU			
Referring laboratory results, including instruments and reference ranges. Include results from other assays such as Total T4, TPO, TRAb, SHBG, alpha subunit, and attach further summary sheets if necessary.			
Date			Reference range
Instrument			
TSH			
Free T4			
Free T3			
Analysis required If specific assays and work required please state, otherwise please leave blank and the work done will be based on the details and results provided.			

Postal Address for samples and enquiries – REFTFT Service, Dept. of Clinical Biochemistry, Box 232, Addenbrooke's Hospital, Hills Road, Cambridge CB2 0QQ

For enquiries telephone 01223 217157 or 01223 256656 or email susan.oddy@nhs.net or david.halsall@nhs.net

Referred Thyroid Function Test Information Leaflet

The Referred Thyroid Function Test service at CUH is a UKAS accredited service which provides a comprehensive panel of tests to aid in the investigation of unusual thyroid function results including the detection of possible interferences.

Sample requirements

Specimen types accepted: Serum

Specimen volume: 1ml

Price

The price of this test is £111.14 for NHS patients and £143.69 for private patients (price valid until 31st March 2026).

If analysis of Total Thyroid Hormones by Mass Spectrometry is deemed beneficial to aid interpretation of results, there will be an additional charge of £16.58.

Turn around time

Expected turn around time for results is 4-6 weeks, although some samples may take longer to process due to complexity of clinical/technical interpretation.

Transport of samples

Please post samples with attached request form in a clearly labelled box to the address at the bottom of the request form. Samples must be sent via first class post.

Tests performed

If sufficient sample is provided a full referred thyroid function test panel will be performed, this includes;

- FT4 analysis on the Perkin Elmer AutoDELFIA
- TBG analysis on the Siemens Immulite 2000Xpi
- TSH, FT3, Total T4 and FT4 analysis on the Siemens Atellica system
- Dilution and PEG recovery studies

Additional tests may be performed after review of results. This includes Total Thyroid Hormones by Mass Spectrometry (TT4, TT3 and rT3) and FDH screen.

If insufficient sample is received the tests performed will be determined based on the details/results provided and sample volume.

