



Unlock the Genetic Clues to Thyroid Health

# Hereditary Thyroid Disorders Risk Test

***Advanced Genetic Testing for Early  
Detection of Hereditary Thyroid Disorders***

Discover Your Genetic  
Risk for Thyroid Conditions

At Elite Clinical Laboratory, we provide state-of-the-art genetic testing for thyroid conditions, assisting individuals and healthcare providers in the early detection of hereditary thyroid disorders. Many genetic thyroid diseases, such as familial thyroid cancer, inherited hypothyroidism, and hereditary hyperthyroidism, can be identified before symptoms manifest, allowing for proactive health management.

Our comprehensive testing panel analyzes genetic mutations related to thyroid disorders, offering essential insights into genetic predisposition to thyroid cancer and other conditions. Utilizing advanced technology and expert analysis, we deliver reliable results to support informed decision-making.

## Why Choose Thyroid Genetic Testing?

### *Early Risk Identification*

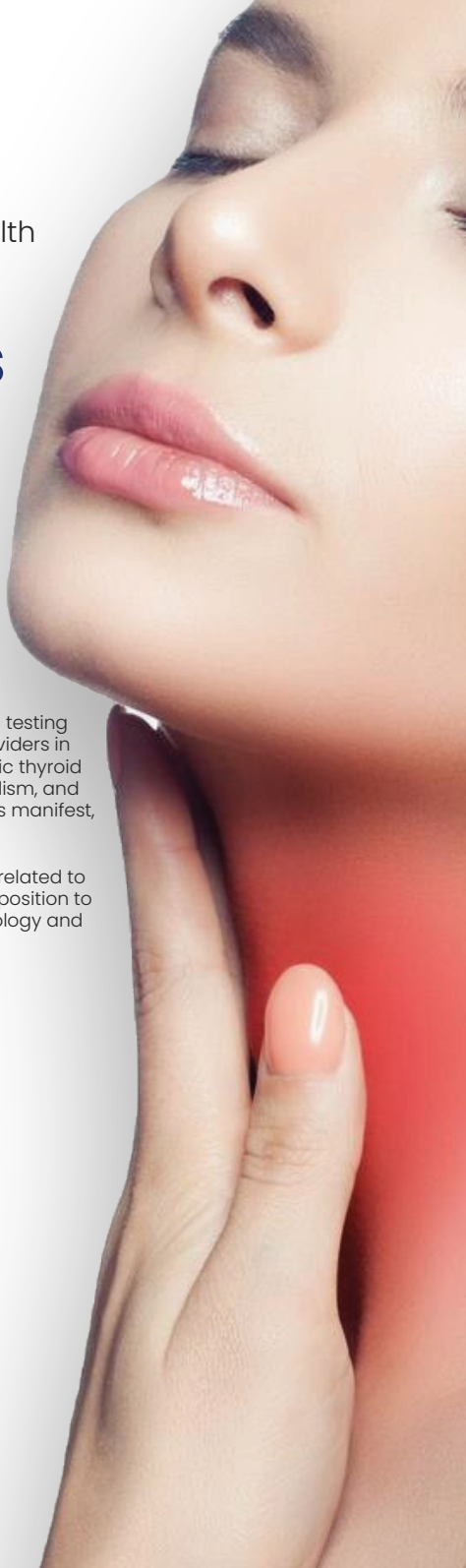
Detect hereditary thyroid disorders and take action before symptoms arise.

### *Personalized Care Plans*

Assist physicians in developing targeted treatment strategies for the genetic causes of goiter, inherited hypothyroidism, and hereditary thyroid nodules.

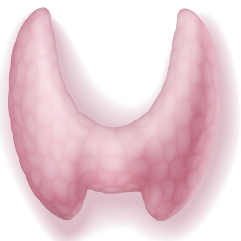
### *Comprehensive Analysis*

Our panel screens for multiple genetic thyroid diseases in a single test, providing a thorough risk assessment.



## Relevant Genes Analyzed

Our Hereditary Thyroid Disorders Risk Panel examines 47 key genes associated with various thyroid conditions. Some of the important genetic markers include:



### **TSHR, PAX8, TPO**

Linked to congenital hypothyroidism

### **DUOX2, SLC26A4**

Associated with hypothyroidism

### **TSHR, SLC5A5**

Linked to familial non-toxic goiter

### **THRB**

Related to thyroid hormone resistance syndrome

## How the Test Works?



### **Order Online**

Physicians can easily order this test through a paper requisition form or the client portal.



### **Sample Collection**

Non-invasive buccal swab.



### **Lab Processing**

Advanced genetic analysis with cutting-edge sequencing technology.



### **Receive Results**

Secure online report delivery with expert genetic interpretation.

## Turnaround Time



### **7-10 business days**

ensuring timely insights for proactive healthcare decisions.

## Key Benefits



### **Early Risk Detection**

Understanding genetic predisposition to thyroid cancer, hereditary thyroid nodules, and congenital hypothyroidism allows for proactive medical intervention.



### **Personalized Treatment Strategies**

Physicians can tailor treatment plans based on genetic findings, improving patient outcomes.



### **Comprehensive and Reliable**

Our test provides thorough screening for multiple genetic thyroid diseases, offering a single solution for complete risk assessment.

## Who Should Consider This Test?

- ✓ Individuals with a family history of thyroid disease, including familial thyroid cancer, hereditary Graves' disease, or inherited Hashimoto's thyroiditis.
- ✓ Patients experiencing unexplained thyroid symptoms, such as goiter, nodules, or hormonal imbalances.
- ✓ Healthcare providers seeking to rule out genetic causes in patients with complex thyroid conditions.

## Why Choose Elite Clinical Laboratory?

With a commitment to innovation and accuracy, Elite Clinical Laboratory offers state-of-the-art genetic testing for thyroid conditions. Our mission is to provide individuals with the knowledge they need to make informed healthcare decisions and take control of their thyroid health.

CONTACT & ORDERING INFORMATION

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