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COLLEGE of AMERICAN PATHOLOGISTS

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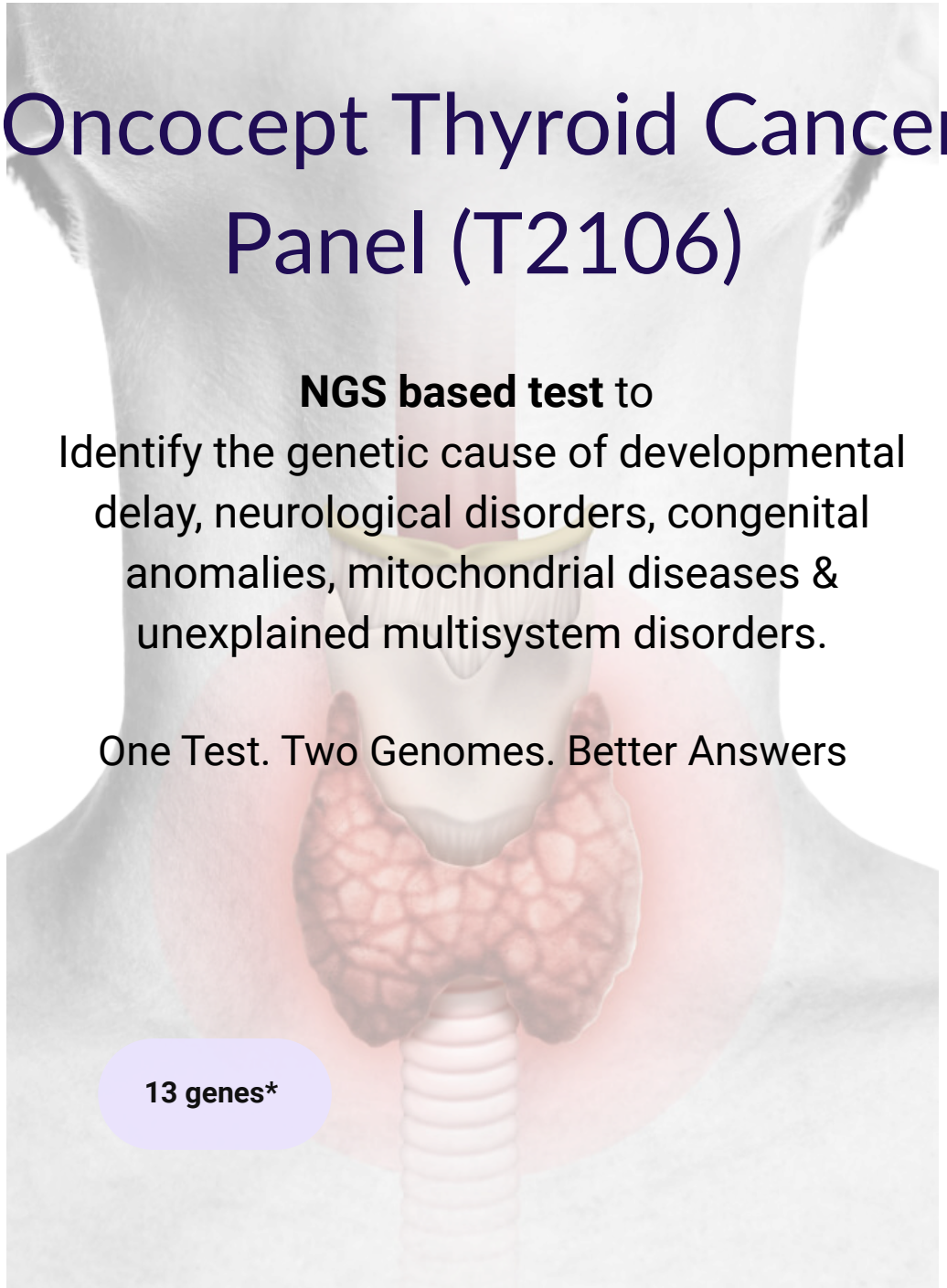
Witty Charman Medical

Oncocept Thyroid Cancer Panel (T2106)



NGS based test to
Identify the genetic cause of developmental delay, neurological disorders, congenital anomalies, mitochondrial diseases & unexplained multisystem disorders.

One Test. Two Genomes. Better Answers

13 genes*

Overview

The **Oncocept Thyroid Panel** is an **NGS-based test** that identifies **key genetic alterations** in thyroid cancer to support **diagnosis**, **prognosis** & **treatment selection.**

Clinical Applications

- Papillary Thyroid Carcinoma (PTC)
- Follicular Thyroid Carcinoma (FTC)
- Medullary Thyroid Carcinoma (MTC)
- Poorly Differentiated Thyroid Carcinoma (PDTC)
- Anaplastic Thyroid Carcinoma (ATC)

When should I test?

- Indeterminate thyroid nodule biopsy results
- Strong family history of thyroid cancer
- Multiple thyroid nodules

Detects

Single Nucleotide Variants (SNVs)	Insertions & Deletions (Indels)
Copy Number Variations (CNVs)	Gene Fusions

Clinical Utility

- Supports molecular classification of thyroid tumors
- Identifies actionable genomic alterations
- Assists targeted therapy selection
- Supports precision oncology decision-making

Technology

- Next-Generation Sequencing (NGS)
- Concurrent DNA & RNA analysis
- Built on the Oncocept Solid 52-gene NGS platform
- Comprehensive assessment of thyroid cancer-associated biomarkers

Key Benefits

Comprehensive profiling in a single test	Detection of actionable biomarkers
Supports personalized treatment strategies	Facilitates clinical trial matching

Why Test?

Molecular profiling detects **genetic alterations** linked to **thyroid cancer**, supporting **diagnosis**, **prognostic assessment** & **personalized treatment planning**.

Biomarkers Covered

DNA Mutations

BRAF, RET, KRAS, NRAS, HRAS, TERT, TP53

Gene Fusions/Rearrangements

NTRK1, NTRK2, NTRK3, ALK, PAX8/PPARG

Test Details

Test Code	**T2106**
Test Name	**Oncocept Thyroid Cancer Panel**
TAT	12 days
Sample Type	FFPE blocks/Fresh tissue in RNA later

Neuberg Diagnostics

Neuberg Diagnostics is a leading diagnostic laboratory network headquartered in India, with a presence across India, the UAE, South Africa & the USA. Accredited by CAP & NABL, Neuberg offers advanced diagnostic testing supported by expert pathologists, geneticists & laboratory professionals. The group processes over 30 million tests annually through a network of 250+ laboratories, delivering high-quality & accurate diagnostic reports.

Witty Charman

Witty Charman delivers medical technology, clinical services, wellness and enables Next Generation Genetic Testing services. It's in Tenth year of service to Malaysia . It was founded with a vision to improve healthcare through affordable, innovative & compassionate solutions for Paediatrics to Geriatrics.

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