Neuberg DIAGNOSTICS
• India • UAE • South Africa • USA

CAP ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS

Witty Charman CoTS
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Witty Charman Medical

ExomePlus

(Enhanced Whole Exome + Mitochondrial Genome Sequencing) Test P1014

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

553 genes*

Solve Difficult Diagnostic Cases Earlier with Better Results

Combines **Whole Exome Sequencing (WES)** & **Mitochondrial DNA Sequencing**

Detects genetic variants linked to **rare & inherited disorders**

Analyzes both **protein-coding genes** & **mitochondrial genome**

Helps identify the cause of unexplained conditions

What does ExomePlus Analyze?

Whole Exome Sequencing (WES)	• Analyzes **protein-coding regions of genes** • Detects **variants associated with inherited disorders** • Helps identify **rare genetic conditions**
Mitochondrial Genome Sequencing	• Analyzes the **complete mitochondrial genome** • Detects **variants linked to mitochondrial disorders** • Supports **diagnosis of mitochondrial diseases**

When Should I Order ExomePlus?

- ✅ Developmental delay / Intellectual disability
- ✅ Epilepsy or unexplained neurological disease
- ✅ Suspected mitochondrial disorder
- ✅ Multiple congenital anomalies
- ✅ Recurrent unexplained hospitalizations
- ✅ Negative targeted gene panel
- ✅ Family history of inherited disease

What can ExomePlus Detects?

- Pathogenic & likely pathogenic variants
- Variants of uncertain significance (VUS)
- Inherited genetic disorders
- Mitochondrial disorders
- Carrier status for selected recessive conditions

Benefits of ExomePlus

Comprehensive analysis of thousands of genes	Includes complete mitochondrial genome sequencing
Supports diagnosis of rare & complex disorders	Helps guide medical management & family planning

Early Diagnosis Helps You :

- End diagnostic odyssey
- Guide treatment choices
- Improve family counseling
- Enable reproductive planning

Advanced Technology

- Next-Generation Sequencing (NGS)
- High-depth sequencing coverage
- Analysis supported by established clinical databases

Genetic Counseling Recommended

- Helps explain test results
- Clarifies inheritance patterns
- Supports informed healthcare decisisons

Why Choose ExomePlus?

- Whole Exome + Mitochondrial Genome Sequencing in one test
- Comprehensive analysis for rare & complex disorders
- Supports personalized diagnosis & management
- Single-test solution for nuclear & mitochondrial DNA analysis

Test Details

Test Code	**P1014**
Test Name	**ExomePlus (Enhanced Whole Exome + Mitochondrial Genome Sequencing) test**
TAT	25 days
Sample Type	Peripheral blood (EDTA blood sample)

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.

Contact info

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