





Neuro Genetics

Comprehensive NeuroGenetic testing with accredited processes workflow and an expert multidisciplinary team including genetic counselling.

Prevalence estimated to be over 30 million* with clinical and genetic heterogeneity



Neurocutaneous

Neurofibromatosis **Tuberous Sclerosis** Neuromuscular

DMD **SMA LGMD** **Epilepsy**

Myoclonic Tonic Generalized Neurodegenerative

Amyotrophic Lateral Sclerosis Parkinson

Inherited Neurological Disorders

Metabolic

Gaucher Krabbe Tay - Sachs Movement

Spinocerebellar Ataxia Chorea **CMT**

Developmental

Autism Cerebral Palsy Intellectual Disability Mitochondrial

MELAS NARP

Indications for Testing



To confirm clinical diagnosis for genetically heterogeneous disorder



To enable reproductive decisions, prognosis and disease management



To understand complex and atypical clinical presentation



To confirm genetic diagnosis specially in case with inconclusive or negative results from disease specific panels



To identify etiology in inherited developmental disease/disorder with or without dysmorphism

DMD - Duchenne muscular dystrophy

LGMD - Limb-Girdle Muscular Dystrophy

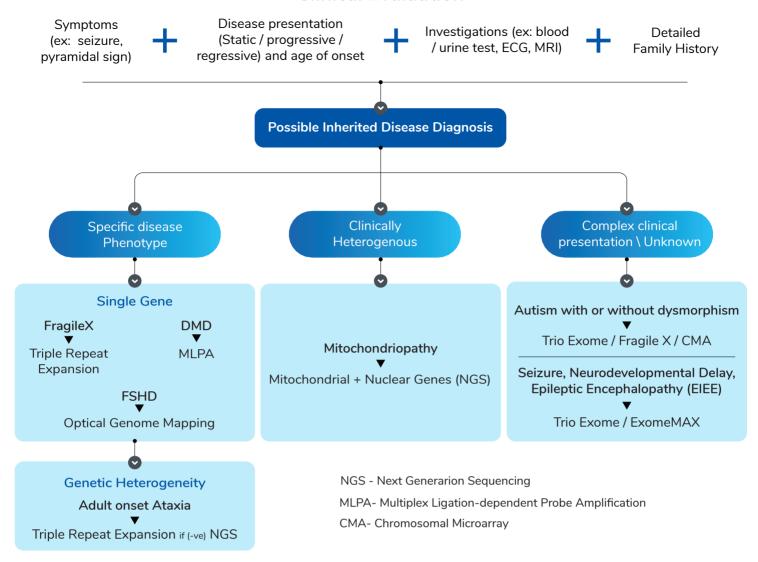
SMA- Spinal Muscular Atrophy

MELAS - Mitochondrial Encephalomyopathy, Lactic Acidosis and Stroke NARP - Neuropathy, Ataxia, Retinitis Pigmentosa

FSHD- Facioscapulohumeral muscular dystrophy

CMT- Charcot-Marie-Tooth

Clinical Evaluation



Test Details

Test Code	Test Name	Methodology
MGM148	Comprehensive neurology panel	NGS
MGM141	Muscular dystrophy and congenital myopathy gene panel	NGS
MGM136	Duchenne Muscular Dystrophy (DMD) deletion / duplication analysis	MLPA
MGM287	Spinocerebellar ataxia repeat expansion analysis: SCA1, SCA2, SCA3, SCA6, SCA7, SCA10, SCA12	Fragment Analysis
MGM111	Dravet syndrome (SCN1A) deletion / duplication analysis	MLPA
MGM163	Tay-Sachs disease (HEXA) deletion / duplication analysis	MLPA
MGM1056	NeuroMit (Whole mitochondrial genome sequencing & Neurology gene panel)	Combo Test
MGM125	Dystonia gene panel	NGS
MGM124	Ataxia-telangiectasia (ATM) gene analysis	NGS
MGM158	NOTCH3 (CADASIL) gene analysis	NGS