

LUMOUS

CARRIER SCREENING



Neuberg
DIAGNOSTICS

**CENTER FOR
GENOMIC
MEDICINE**

DESIGNED TO IDENTIFY COUPLES AT RISK FOR HAVING OFFSPRING WITH RECESSIVE GENETIC DISORDERS.

LUMOUS - Expanded

>2,500 genes (>2900 OMIM phenotypes) implicated in recessive disorders

- Autosomal and X-linked. +

- a) Spinal Muscular Atrophy - MLPA (Couple)
- b) Duchenne Muscular Dystrophy - MLPA (Female)
- c) Fragile X - PCR (Female)

Why LUMOUS?

- Comprehensive analysis of all OMIM defined recessive disorders.
- Superior technology providing >95% coverage of all included genes.
- Reports with a purpose: Only pathogenic and likely pathogenic variants reported.
- Insightful analysis and reporting based on phenotype when family history positive.
- Pre and post test genetic counseling.



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