

MM470 Pan-Ethnic Carrier Screen: Gene Sequencing Panel

Turn around time: 30 business days from sample receipt at the laboratory.

CPT Codes: 81161, 81222, 81223, 81243, 81252, 81304, 81404, 81405, 81406, 81407, 81408

Test Description:

Full sequencing of 148 genes that cause disorders related to intellectual disability, mobility impairment, visual impairment, joint and bone disorders, nervous system abnormalities, developmental delay, hearing loss, skin irregularities, and metabolic syndromes. More comprehensive than targeted mutation analysis. Only reports pathogenic variants.

Recessive conditions: Sequences 138 genes related to AR conditions. Full gene deletion/duplication analysis *CFTR*, *HBA1*, & *HBA2*. Includes CF and SMA.

X-linked conditions: Sequences 10 genes that cause X-linked conditions. Full gene deletion/duplication analysis of *DMD* & *MECP2*. Includes Fragile X.

Indications: General population screening of all preconception and pregnant women. Male partner of woman identified as a carrier of any recessive disorder.

Testing Time Frame: Any time during pregnancy or preconception.

Testing requirements:

Container/Tube: Lavender-top Vacutainer® tube (EDTA).

Specimen Volume: 5 ml of unspun whole blood.

Specimen Stability: Samples are stable at ambient temperature for 6 days

Shipping Information:

Ship samples to the following address:

Eurofins NTD, LLC.

80 Ruland Road, Suite 1

Melville, NY 11747

Questions?

For more information about NTD prenatal screening, ordering test supplies, or billing support, please call us at 1-888-NTD-LABS (683-5227) or email us ntdclientservices@eurofins.com

