MAYO CLINIC LABORATORIES

TEST CHANGE

Notification Date: Nov 03, 2026
Effective Date: Oct 27, 2026

Methylmalonic Aciduria-Propionic Aciduria Combined Gene Panel, Varies

Test ID: MPAGP

Explanation: On the effective date, eight genes were added to the MPAGP panel.

Previous Genetics Information	New Genetics Information
This test utilizes next-generation sequencing to detect single nucleotide and copy number variants in 28 genes associated with methylmalonic aciduria-propionic aciduria: *ABCD4, ACSF3, ALDH6A1, AMN, CD320, CUBN, DMGDH, CBLIF, HCFC1, LMBRD1, MCEE, MMAA, MMAB, MMACHC, MMADHC, MTHFR, MTR, MTRR, MMUT, PCCA, PCCB, PRDX1, SUCLA2, SUCLG1, TCN1, TCN2, THAP11*, and *ZNF143*. See Targeted Genes and Methodology Details for Methylmalonic Aciduria-Propionic Aciduria Combined Gene Panel and Method Description for additional details.	This test utilizes next-generation sequencing to detect single nucleotide and copy number variants in 36 genes associated with methylmalonic aciduria-propionic aciduria: *ABCD4, ACSF3,* ***ADK****,* ***AHCY****, ALDH6A1, AMN,* ***CBS****, CD320, CUBN, DMGDH, CBLIF,* ***GNMT****, HCFC1, LMBRD1,* ***MAT1A****, MCEE,* ***MLYCD****, MMAA, MMAB, MMACHC, MMADHC,* ***MTHFD1****, MTHFR, MTR, MTRR, MMUT, PCCA, PCCB, PRDX1, SUCLA2, SUCLG1, TCN1, TCN2, THAP11,* ***ZBTB11***, and *ZNF143*. See Method Description and Gene Selection Table for additional details.

Questions

Contact Sarah Wittwer, Laboratory Resource Coordinator at 800-533-1710.

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