MAYO CLINIC LABORATORIES

# TEST CHANGE

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

# Methylmalonic Aciduria Gene Panel, Varies

**Test ID:** MMAGP

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

| Previous Genetics Information | New Genetics Information |
|---|---|
| This test utilizes next-generation sequencing to detect single nucleotide and copy number variants in 25 genes associated with methylmalonic aciduria: *ABCD4*, *ACSF3*, *ALDH6A1*, *AMN*, *CD320*, *CUBN*, *CBLIF*, *HCFC1*, *LMBRD1*, *MCEE*, *MMAA*, *MMAB*, *MMACHC*, *MMADHC*, *MTHFR*, *MTR*, *MTRR*, *MMUT*, *PRDX1*, *SUCLA2*, *SUCLG1*, *TCN1*, *TCN2*, *THAP11*, *ZNF143*. For additional details see Method Description or Targeted Genes and Methodology Details for Methylmalonic Aciduria Gene Panel. | This test utilizes next-generation sequencing to detect single nucleotide and copy number variants in 33 genes associated with methylmalonic aciduria: *ABCD4*, *ACSF3*, ***ADK***, ***AHCY***, *ALDH6A1*, *AMN*, ***CBS***, *CD320*, *CUBN*, *CBLIF*, ***GNMT***, *HCFC1*, *LMBRD1*, ***MAT1A***, *MCEE*, ***MLYCD***, *MMAA*, *MMAB*, *MMACHC*, *MMADHC*, ***MTHFD1***, *MTHFR*, *MTR*, *MTRR*, *MMUT*, *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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