MAYO CLINIC LABORATORIES

TEST CHANGE

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

Maple Syrup Urine Disease Gene Panel, Varies

Test ID: MSUDP

Explanation: On the effective date, two genes were added to the MSUDP panel.

Previous Genetics Information	New Genetics Information
This test utilizes next-generation sequencing to detect single nucleotide and copy number variants in 6 genes associated with maple syrup urine disease: *BCKDHA*, *BCKDHB*, *BCKDK*, *DBT*, *DLD*, *PPM1K*. See Targeted Genes and Methodology Details for Maple Syrup Urine Disease Gene Panel and Method Description for additional details.	This test utilizes next-generation sequencing to detect single nucleotide and copy number variants in 8 genes associated with maple syrup urine disease: ***BCAT2***, *BCKDHA*, *BCKDHB*, *BCKDK*, *DBT*, *DLD*, *PPM1K* and ***PRODH2***. 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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