MAYO CLINIC LABORATORIES

TEST CHANGE

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

Glycogen Storage Disease Gene Panel, Varies

Test ID: GSDGP

Explanation: On the effective date, six genes were added to the GSDGP 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 glycogen storage disease: *AGL*, *ALDOA*, *ENO3*, *EPM2A*, *FBP1*, *G6PC*, *GAA*, *GBE1*, *GYG1*, *GYS1*, *GYS2*, *LAMP2*, *LDHA*, *NHLRC1*, *PFKM*, *PGAM2*, *PGK1*, *PGM1*, *PHKA1*, *PHKA2*, *PHKB*, *PHKG2*, *PRKAG2*, *PYGL*, *PYGM*, *RBCK1*, *SLC2A2*, and *SLC37A4*. See Targeted Genes and Methodology Details for Glycogen Storage Disease Gene Panel and Method Description for additional details.	This test utilizes next-generation sequencing to detect single nucleotide and copy number variants in 34 genes associated with glycogen storage disease: *AGL*, *ALDOA*, ***ALDOB***, *ENO3*, *EPM2A*, *FBP1*, *G6PC*, *GAA*, *GBE1*, *GYG1*, *GYS1*, *GYS2*, *LAMP2*, *LDHA*, ***LPIN1***, *NHLRC1*, ***PC***, ***PCK1***, ***PCK2***, *PFKM*, *PGAM2*, *PGK1*, *PGM1*, *PHKA1*, *PHKA2*, *PHKB*, *PHKG2*, *PRKAG2*, *PYGL*, *PYGM*, *RBCK1*, ***SLC16A1***, *SLC2A2*, and *SLC37A4*. 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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