MAYO CLINIC LABORATORIES

TEST CHANGE

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

Peroxisomal Disorder Gene Panel, Varies

Test ID: PDGP

Explanation: On the effective date, 14 genes were added to the PDGP 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 peroxisomal disorders: *ABCD1, ABCD3, ACOX1, ACOX3, AGPS, AMACR, CAT, DNM1L, GNPAT, HSD17B4, PEX1, PEX10, PEX11B, PEX12, PEX13, PEX14, PEX16, PEX19, PEX2, PEX26, PEX3, PEX5, PEX6, PEX7, PHYH, SCP2, SUGCT,* and *TRIM37*. See Targeted Genes and Methodology Details for Peroxisomal Disorder Gene Panel and Method Description for additional details.	This test utilizes next-generation sequencing to detect single nucleotide and copy number variants in 42 genes associated with peroxisomal disorders: *ABCD1, ABCD3,* ***ACBD5****, ACOX1,* ***ACOX2****, ACOX3,* ***ADAR****, AGPS, AMACR, CAT, DNM1L,* ***FAR1, GDAP1****, GNPAT, HSD17B4,* ***IFIH1, MFF****, PEX1, PEX10,* ***PEX11A****, PEX11B,* ***PEX11G****, PEX12, PEX13, PEX14, PEX16, PEX19, PEX2, PEX26, PEX3, PEX5, PEX6, PEX7, PHYH,* ***RNASEH2A, RNASEH2B, RNASEH2C, SAMHD1****, SCP2, SUGCT,* ***TREX1****, and TRIM37*. 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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