MAYO CLINIC LABORATORIES

TEST CHANGE

Notification Date: December 30, 2025
Effective Date: January 8, 2026

MayoComplete Colorectal Cancer Panel, Next-Generation Sequencing, Tumor

Test ID: MCCRC

Explanation: On the effective date, the following genes will be added to panel: *PIK3CA*, *PIK3R1*, *POLE* and *PTEN* genes

Current Genetics Information	New Genetics Information
This test uses targeted next-generation sequencing to determine microsatellite instability status and to evaluate for somatic mutations within the *APC, BRAF, HRAS, KRAS, MLH1, MSH2, MSH6, NRAS,* and *PMS2* genes. See Targeted Genes and Methodology Details for MayoComplete Colorectal Cancer Panel for details regarding the targeted gene regions evaluated by this test. This test is performed to evaluate for somatic mutations within solid tumor samples. It **does not assess** for germline alterations within the genes listed.	This test uses targeted next-generation sequencing to determine microsatellite instability status and to evaluate somatic mutations within the *APC, BRAF, HRAS, KRAS, MLH1, MSH2, MSH6, NRAS,* ***PIK3CA***, ***PIK3R1***, *PMS2*, ***POLE*** and ***PTEN*** genes. See Targeted Genes and Methodology Details for MayoComplete Colorectal Cancer Panel for details regarding the targeted gene regions evaluated by this test. This test is performed to evaluate for somatic mutations within solid tumor samples. It **does not test** for germline alterations within the genes listed.

Questions

Contact Melissa Tricker-Klar, Laboratory Resource Coordinator at 800-533-1710.

© Mayo Foundation for Medical Education and Research. All rights reserved.

© Mayo Foundation for Medical Education and Research. All rights reserved.