



# MEMORANDUM

To: All Regional Medical Laboratory, Inc. (RML) Clients

From: Regional Medical Laboratory, Inc.  
Cindi Starkey, M.D., Ph.D., Chief of Molecular Pathology

Date: October 1, 2019

Subject: KRAS, NRAS and BRAF Mutation Testing

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**Regional Medical Laboratory is your partner in the rapidly changing field of molecular testing.** In response to guidelines recently published by the National Comprehensive Cancer Network (NCCN) regarding mutation testing for colon cancer, RML will be offering a new test. **Effective October 7, 2019, RML will offer a colorectal cancer mutation panel that utilizes next generation sequencing (NGS) to detect mutations of genes suggested by NCCN guidelines in a single, cost effective test panel. The genes tested in the panel include KRAS (including extended KRAS regions), NRAS and BRAF.** NCCN currently recommends all patients with metastatic colorectal cancer have mutation testing for KRAS, NRAS and BRAF. RML’s new NGS panel contains all required mutations for comprehensive testing and a more simplified ordering process. Utilization of NGS is also more cost effective and conserves tumor tissue, allowing for additional follow up testing to be done if necessary. **Most importantly, testing via this NGS panel ensures NCCN guidelines for colorectal cancer mutation testing are followed every time, on every patient.** Initially this NGS panel will be sent out to a partner laboratory. However, RML recognizes the value of this test for providers and patients and will be performing NGS in-house in the very near future.

If you are currently ordering single gene tests for KRAS, NRAS and BRAF, moving to this NGS testing panel will be less expensive and the complete results for all mutations will be available in a single report. To place an order for this test, please enter an electronic order for the test below if available in your EMR or submit an RML Solid Tumor Molecular Test Requisition. Please indicate the surgical case number and date of service for the tissue for which the Colorectal Cancer Mutation Panel should be added (S-XX-XXXX).

Preauthorization is required by most 3<sup>rd</sup> party insurance providers; please include the preauthorization number with your test order.

| TEST NAME                        | TEST MNEMONIC  | TEST NUMBER | CPT CODE                                   |
|----------------------------------|----------------|-------------|--|
| Colorectal Cancer Mutation Panel | Colorectal Pnl | 6907217     | 81275, 81276,<br>81210, 81311,<br>G0452.26 |

For technical questions, please contact Dr. Cindi Starkey at 918-744-2500 x 15537 or Dr. Adam Hoffhines at 918-744-2500 x 14155. For test order, specimen or result inquiries, please contact RML Client Services at 918-744-2500.