

***MLH1* Hypermethylation and *BRAF* Mutation Analysis, Tumor**

Test ID: BRMLH

Explanation: As shown below, BRMLH Ordering Guidance has been updated.

Current Ordering Guidance

This test is **not recommended** as a first-tier screening for Lynch syndrome. Order TMSI / Microsatellite Instability, Tumor and IHC / Mismatch Repair (MMR) Protein Immunohistochemistry Only.

This test will only be performed on colon tumors demonstrating loss of MLH1 protein expression.

New Ordering Guidance

This test is **not recommended** as a first-tier screening for Lynch syndrome. Order TMSI / Microsatellite Instability, Tumor and IHC / Mismatch Repair (MMR) Protein Immunohistochemistry Only.

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If the MMR immunohistochemistry (IHC) results for MLH1 and/or PMS2 suggest possible tumor heterogeneity, are ambiguous, or unusual, the physical IHC stains will be required to optimize the area of tissue selected for testing and for interpretation of the results. If IHC stains are required and not sent with the specimen, a request will be submitted to provide the IHC stains which will result in a slight delay.

Questions

Contact Michelle Rath, Laboratory Resource Coordinator at 800-533-1710.