



5,10-Methylenetetrahydrofolate Reductase (MTHFR) C677T, Mutation, Blood

Test ID: MTHFR

Explanation: This test will become obsolete due to the lack of predictive value for venous thromboembolism (VTE) or adverse pregnancy outcomes. Testing recommendations for *MTHFR* mutations have evolved and the American College of Medical Genetics (ACMG) and American College of Obstetricians and Gynecologists (ACOG) recommend against testing.

Supporting references:

1. [ACMG Practice Guideline: lack of evidence for MTHFR polymorphism testing. ACMG Practice Guideline in Genetics in Medicine 2013; 15:153-156](#)
2. [ACOG Practice Bulletin Summary. Obstetrics & Gynecology 2018; 132: 249-251](#)

There are no recommended alternative tests.

Questions

Contact Amy Nelson, Laboratory Technologist Resource Coordinator at 800-533-1710.