CentraCare™

CentraCare Laboratory Services

MEMO

TO: **Clients**

FROM: **CCLS – Specimen Referral Center**

DATE: **October 12, 2020**

SUBJECT: **5,10-Mehtylenetetrahydrofolate Reductase (MTHFR) C677T, Mutation, Blood**

Effective October 29, 2020, Mayo will be making the following test obsolete:

5,10-Mehtylenetetrahydrofolate reductase (MTHFR) C677T, Mutation, Blood (LAB0204669)

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.

Please feel free to contact the Specimen Referrals Center with any questions at 320-251-2700 Ext. 57320