

HOTLINE: Effective August 15, 2022

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**2011157**      **Cobalamin/Propionate/Homocysteine Metabolism Related Disorders Panel, Sequencing and Deletion/Duplication**      **VB12 PANEL**

**Methodology:** Massively Parallel Sequencing  
**Performed:** Varies  
**Reported:** 3 weeks

**Specimen Required:** Collect: Lavender or pink (EDTA) or yellow (ACD solution A or B).  
Specimen Preparation: Transport 3 mL whole blood. (Min: 2 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Serum or plasma; grossly hemolyzed or frozen specimens; saliva, buccal brush, or swab; FFPE tissue.  
Stability (collection to initiation of testing): Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

**Note:** Genes Tested: *ABCD4\**; *ACSF3*; *ADK*; *AHCY*; *AMN\**; *CBLIF*; *CBS\**; *CD320*; *CTH*; *CUBN*; *HCFC1*; *IVD\**; *LMBRD1*; *MAT1A*; *MCEE*; *MLYCD*; *MMAA*; *MMAB*; *MMACHC*; *MMADHC*; *MMUT*; *MTHFR*; *MTR*; *MTRR*; *PCCA\**; *PCCB*; *SUCLA2*; *SUCLG1*; *TCN2*

\*One or more exons are not covered by sequencing and/or deletion/duplication analysis for the indicated gene; see additional technical information

**CPT Code(s):** 81404; 81405; 81406; 81479