

2012032

Hereditary Cancer Panel, Sequencing and Deletion/Duplication

CANCERPAN

Methodology: Massively Parallel Sequencing/Sequencing/Multiplex Ligation-dependent Probe Amplification

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; DNA Stability (collection to initiation of testing): Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

Note: Genes Tested: *ALK; APC**; *ATM; AXIN2; BAP1; BARD1; BMPRIA**; *BRCA1**; *BRCA2; BRIP1; CDC73; CDH1**; *CDK4; CDKN1B; CDKN2A**; *CHEK2**; *CTNNA1**; *DICER1; EGFR; EPCAM***; *FH; FLCN**; *HOXB13; HRAS; KIT; LZTR1; MAX; MC1R; MEN1**; *MET; MTF**; *MLH1; MLH3**; *MSH2; MSH3; MSH6; MUTYH; NBN; NF1; NF2; NTHL1; PALB2; PDGFRA**; *PMS2; POLD1; POLE; POT1; PRKARIA; PTCH1; PTEN**; *RAD51C; RAD51D; RB1**; *RECQL**; *RET; SDHA**; *SDHAF2; SDHB; SDHC**; *SDHD**; *SMAD4; SMARCA4; SMARCB1; SMARCE1**; *STK11; SUFU; TERT; TMEM127; TP53; TSC1; TSC2; VHL**; *WT1*

* - One or more exons are not covered by sequencing and/or deletion/duplication analysis for the indicated gene; see Additional Technical Information.

** - Deletion/duplication analysis of EPCAM (NM_002354) exon 9 only, sequencing is not available for this gene.

CPT Code(s): 81432; 81433; 81435; 81436; 81437; 81438