

HOTLINE: Effective August 15, 2022

2013449 Hereditary Gastrointestinal Cancer Panel, Sequencing and Deletion/Duplication GICAN PAN

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: 3 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: *APC**; *AXIN2*; *BMPRIA**; *CDH1**; *CHEK2**; *EPCAM***; *KIT*; *MLH1*; *MLH3**; *MSH2*; *MSH3*; *MSH6*; *MUTYH*; *NTHL1*; *PDGFRA**; *PMS2*; *POLD1*; *POLE*; *PTEN**; *SDHA**; *SDHB*; *SDHC**; *SDHD**; *SMAD4*; *STK11*; *TP53*

*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): 81435; 81436