### Myeloid Malignancies Somatic Mutation and Copy Number Analysis Panel

**Specimen Required:** Collect: Lavender (EDTA), Green (sodium heparin), Bone Marrow (EDTA), or Bone Marrow (sodium heparin). Fresh-frozen tissue.

**Specimen Preparation:** Whole Blood or Bone Marrow: Transport 3 mL. (Min: 1.5 mL)

**Fresh-frozen Tissue:** Transport 5 mg fresh-frozen tissue. (Min: 5 mg)

Separate specimens must be submitted when multiple tests are ordered.

**Storage/Transport Temperature:** Whole Blood or Bone Marrow: Refrigerated.

**Fresh-frozen Tissue:** Frozen.

**Unacceptable Conditions:** Serum, plasma, grossly hemolyzed specimens, buccal brush or swab, FFPE tissue.

**Stability (collection to initiation of testing):** Whole Blood or Bone Marrow: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

**Fresh-frozen Tissue:** Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 1 month

**Note:** Genes tested: ANKR2D6, ASXL1, ASXL2, BCOR, BCOR1, BRCF, CALR, CBL, CBLB, CEBPA, CSF3R, CUX1*, DDX41, DNMT1*, DNMT3A, ELANE, ETNK1, ETV6, EZH2, FBXW7, FLT3, GATA1, GATA2, GNAS, HNRNPK, IDH1, IDH2, IL7R, JAK1, JAK2, JAK3, KDM6A*, KIT, KMT2A, KMS, LUC7L2, MPL, NOTCH1, NPM1*, NRAS, NSD1, PHF6, PIGA, PRPF40B, PRPF8, PTPN11, RAD21, RUNX1, SETBP1, SF3B1, SH2B3, SMC1A, SMC3, SRSF2, STAG2, STAT3, STAT5B*, SUZ12*, TET2, TP53, U2AF1, U2AF2, WT1, ZRSR2.

*One or more exons are not covered by sequencing for the indicated gene; see Additional Technical Information.