

NEW TEST – Available Now

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Myeloid Malignancies Mutation and Copy Number Variation Panel by Next Generation Sequencing

3016621, MYE CNV

Specimen Requirements:

Patient Preparation:

Collect: Lavender (EDTA), green (sodium heparin), bone marrow (EDTA), or bone marrow (sodium heparin).

Specimen Preparation: Whole Blood or Bone Marrow: Transport 3 mL. (Min: 1.0 mL for bone marrow, 1.5 mL for whole blood) Separate specimens must be submitted when multiple tests are ordered.

Transport Temperature: Whole Blood or Bone Marrow: Refrigerated.

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

Remarks: Specimen source is required.

Stability: Whole Blood or Bone Marrow: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

Methodology: Massively Parallel Sequencing

Performed: Varies

Reported: 12-14 days

Note: Genes tested: ANKRD26; ASXL1; ASXL2; BCOR; BCORL1; BRAF; 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; KRAS; LUC7L2; MPL; NOTCH1; NPM1*; NRAS; NSD1; PHF6; PIGA; PPM1D; PRPF40B; PRPF8; PTPN11; RAD21; RUNX1; SAMD9; SAMD9L; SETBP1; SF3B1; SH2B3; SMC1A; SMC3; SRSF2; STAG2; STAT3; STAT5B*; SUZ12*; TET2; TP53; U2AF1; U2AF2; UBA1; WT1; ZRSR2 *One or more exons are not covered by sequencing for the indicated gene; see Additional Technical Information.

CPT Codes: 81455

New York DOH Approval Status: Specimens from New York clients will be sent out to a New York DOH approved laboratory, if possible.

Interpretive Data:

Refer to report.

Reference Interval:

By report

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.