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**Lab Dept:** Flow Cytometry

**Test Name:** MINIMAL RESIDUAL DISEASE DAY 8 (MRD)

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***General Information***

**Lab Order Codes:** MRD8

**Synonyms:** COG, B-ALL Protocol

**CPT Codes:** 88184 – Flow cytometry, cell surface, cytoplasmic, or nuclear marker, technical component only; first marker  
88185 x(5-14) – Flow cytometry, cell surface, cytoplasmic, or nuclear marker, technical component only, each additional marker

**Test Includes:** Interpretive report

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***Logistics***

**Test Indications:** Monitoring MRD for clinical indications and treatment

**Lab Testing Sections:** Flow cytometry

**Phone Number:** MIN Flow Lab: 612-813-0740

**Test Availability:** Monday – Friday 1200 (optimal results if specimen is received 24-48 hours after collection)

**Turnaround Time:** 4 – 8 days

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Blood

**Container:** Lavender (EDTA) tube

**Draw Volume:** 3 mL (Minimum: 3 mL) blood  
Note: 6 mL preferred, if possible

**Processed Volume:** Same as Draw Volume

**Collection:** Routine blood collection

**Special Processing:** Lab Staff: Do Not Centrifuge. Must remain as whole blood in original collection container. Store at refrigerated temperatures.

**Patient Preparation:** None

**Sample Rejection:** Mislabeled or unlabeled specimens

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***Interpretive***

**Reference Range:** An interpretive report will be provided

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Flow cytometry

**References:** Children's and Hospitals of Minnesota (August 2018)