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**Lab Dept:** Flow Cytometry

**Test Name:** MINIMAL RESIDUAL DISEASE (MRD) UNIVERSITY OF WASHINGTON

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***General Information***

**Lab Order Codes:** MRDB

**Synonyms:** MRD; B-ALL MRD Panel

**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 – Sendout

**Referred to:** University of Washington

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

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

**Turnaround Time:** 4 – 8 days

**Special Instructions:** Complete U of Washington Requisition, indicate disease phase

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***Specimen***

**Specimen Type:** Whole blood

**Container:** Lavender

**Draw Volume:** 3 mL (Minimum: 2 mL) blood  
Note: 6 mL preferred, if possible

2 mL Bone marrow

<b>Processed Volume:</b>	Same as Draw Volume
<b>Collection:</b>	Routine venipuncture
<b>Special Processing:</b>	Lab Staff: <b>Do Not centrifuge</b> . Must remain as whole blood in original collection container. Store and ship at ambient temperatures. Ship Overnight express, Monday – Friday at noon. Washington will accept Saturday deliveries.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Mislabeled or unlabeled specimens

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### ***Interpretive***

<b>Reference Range:</b>	An interpretive report will be provided
<b>Critical Values:</b>	N/A
<b>Limitations:</b>	N/A
<b>Methodology:</b>	Flow Cytometry
<b>References:</b>	<a href="#">University of Washington Hematopathology</a> (August 2017)