Lab Dept: Flow Cytometry
Test Name: MINIMAL RESIDUAL DISEASE DAY 8 (MRD)

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

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

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.
<table>
<thead>
<tr>
<th><strong>Patient Preparation:</strong></th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sample Rejection:</strong></td>
<td>Mislabeled or unlabeled specimens</td>
</tr>
</tbody>
</table>

**Interpretive**

<table>
<thead>
<tr>
<th><strong>Reference Range:</strong></th>
<th>An interpretive report will be provided</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Critical Values:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Limitations:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Methodology:</strong></td>
<td>Flow cytometry</td>
</tr>
<tr>
<td><strong>References:</strong></td>
<td>Children’s and Hospitals of Minnesota (August 2018)</td>
</tr>
</tbody>
</table>