**Cord Blood Maternal Assessment of Samples**

### SECTION 1

- **Kit BATCH #1:**
  - Lavender Top Blood Tube  
  - Pink Top Blood Tube  
  - Red Top Blood Tube  
- **Kit BATCH #2:**
  - Cord Blood IDM Sample Label

**Hemodilution Assessment (Intravenous fluids infused pre-sample collection):**

<table>
<thead>
<tr>
<th>Component</th>
<th>Question</th>
<th>Response</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A: Crystalloids:</strong> (N/S, R/L, D5W)</td>
<td>Has patient received 2000ml <strong>within 1 hour</strong> pre sample collection?</td>
<td>Yes / No</td>
<td>if yes, specify: mL</td>
</tr>
<tr>
<td><strong>B: Colloids:</strong> (plasma, hetastarch, blood and blood products)</td>
<td>Has patient received 2000ml <strong>within 48 hours</strong> pre sample collection?</td>
<td>Yes / No</td>
<td>if yes, specify: mL</td>
</tr>
<tr>
<td><strong>C: Maternal Weight</strong></td>
<td>last weight obtained</td>
<td>(kg), If Yes to question A or B</td>
<td>Sample collection:</td>
</tr>
</tbody>
</table>

### SECTION 2

**DÉPISTAGE DE LA MALADIE DE CHAGAS**

- Have you passed 6 consecutive months or more in Mexico, Central America or South America? Oui / Non
- Have you been born in Mexico, Central America or South America? Oui / Non
- Was your mother or maternal grandmother born in Mexico, Central America or South America? Oui / Non

### SECTION 3

**Assessment algorithm to be completed if 2000ml crystalloids within 1 hour of specimen collection.**

- **Blood volume (BV) in mL**
  \[ \text{BV} = \text{maternal weight} \times \frac{1}{0.015} \]

- **Plasma volume (PV) in mL**
  \[ \text{PV} = \text{maternal weight} \times \frac{1}{0.025} \]

<table>
<thead>
<tr>
<th>Component</th>
<th>Formula</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A: RBC volume</strong></td>
<td>in mL 48 hrs. pre blood sample collection</td>
<td>[ \text{A} ]</td>
</tr>
<tr>
<td><strong>B: Colloid</strong></td>
<td>(plasma, albumin, cryoprecipitate, platelets, hetastarch) volume in mL 48 hrs. pre-blood sample collection</td>
<td>[ \text{B} ]</td>
</tr>
<tr>
<td><strong>C: Crystalloid</strong></td>
<td>volume in mL 1 hr. pre-blood sample collection</td>
<td>[ \text{C} ]</td>
</tr>
</tbody>
</table>

\[ \text{A} + \text{B} + \text{C} = \text{BV} < \text{PV} \]

- If A+B+C< BV and B+C < PV then sample is acceptable.

Initials / Date: Acceptable, No Hemodilution ; Not acceptable call samples ; if applicable

DEV# (if applicable):