

UNITYPOINT HEALTH - MERITER LABORATORIES

**Fetal Screen (Rh Immune Globulin Workup) and
Fetal Stain (Kleihauer-Betke Stain)**

07/03/24

Due to the ongoing shortages of Rh Immune Globulin (RhIg) products, Meriter Laboratories will transition the distribution of RhIg products from Blood Bank to the Pharmacy Department on Tuesday, 7/9/24. To accommodate this transition, the below changes will be made.

On Monday, 7/8/24, the result pieces for the Rh Immune Globulin Workup (LAB2051, RHIGZ) will reflect the mcg dose indicated for the patient.

Previous Result	New Result
<p>Rh Immune Globulin Workup</p> <p>Status: Final result Visible to patient: Yes (not seen) Next appt: None</p> <p>0 Result Notes</p> <p>Component 4/2/24 0835</p> <p>Fetal Blood Screen NEGATIVE</p> <p>RhIG Indicated YES</p> <p>Unit Number RG23006/8</p> <p>Blood Component MMH RHOGAM</p> <p>Unit Division 00</p> <p>Status of Unit TRANSFUSED</p> <p>Comment: Testing performed at Meriter Laboratories, 36 S Brooks St Madison, unless otherwise stated in result.</p>	<p>Rh Immune Globulin Workup Order: 470257018</p> <p>Status: Edited Result - FINAL Visible to patient: No (inaccessible in MyUnityPoint)</p> <p>Next appt: None</p> <p>0 Result Notes</p> <p>Component 5/31/24 0840</p> <p>Fetal Blood Screen NEGATIVE</p> <p>RhIG Indicated YES</p> <p>Blood Bank 300 mcg dose indicated</p> <p>Comment</p> <p>Blood Bank Testing performed at Meriter Laboratories, 36 S Brooks St Madison, WI 53715, unless otherwise stated in result.</p> <p>Specimen Collected: 05/31/24 08:40 Last Resulted: 05/31/24 09:33</p>

Also on Monday, 7/8/24, patients requiring a dose of >300 mcg of Rh Immune Globulin will require an updated order with the correct dosage placed prior to distribution.

Finally, the result comments for Fetal Cell Stain (Kleihauer-Betke, LAB762, FETCS) testing will include indications for recommended RhIg doses. The chart below compares the previous result comments with the new result comments as they appear in Epic for three fetal bleed scenarios.

Previous Result	New Result												
Kleihauer-Betke Stain: results for no fetal cells seen.													
<p>Kleihauer-Betke stain Order: 102597</p> <p>Status: Final result Visible to patient: Yes (not seen) Next appt: None</p> <p>0 Result Notes</p> <p>Component <u>7/2/24 1018</u></p> <p>Fetal Cell Stain <u>No Fetal Cells Seen.</u></p> <p>Comment: This test differentiates cells containing Hgb F from cells containing normal adult hemoglobin. If the mother has a hemoglobin variant with increased amounts of Hgb F, the fetal cell stain may not reliably differentiate maternal from fetal cells.</p> <p>BLOOD</p> <p>Testing performed at Meriter Laboratories, 36 S Brooks St Madison, WI 53715, unless otherwise stated in result.</p>	<p>Kleihauer-Betke stain [NOTE]</p> <p>Status: Final result Visible to patient: No (inaccessible in MyUnityPoint) Next appt: None</p> <p>0 Result Notes</p> <p>Component <u>5/30/24 1329</u></p> <p>Fetal Cell Stain <u>BLOOD</u></p> <p>Comment: (NOTE) No Fetal Cells seen.</p> <p>If patient is a candidate for Rh immune globulin, up to a 300 mcg dose is indicated.**</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">Indication</th> <th style="text-align: center;">Dosage Recommended</th> </tr> </thead> <tbody> <tr> <td>** Spontaneous or Induced Abortion (<12 weeks)</td> <td>= Not recommended</td> </tr> <tr> <td>** Ectopic pregnancy, sharp curettage (<12 weeks)</td> <td>= 50 mcg RhIg</td> </tr> <tr> <td>** Other invasive procedure (<12 weeks)</td> <td>= 50 mcg RhIg</td> </tr> <tr> <td>** Pregnancy loss (13 to <=18 weeks)</td> <td>= 100 mcg RhIg</td> </tr> <tr> <td>** Pregnancy >18 weeks</td> <td>= 300 mcg RhIg</td> </tr> </tbody> </table> <p>This test differentiates cells containing Hgb F from cells containing normal adult hemoglobin. If the mother has a hemoglobin variant with increased amount of Hgb F, the fetal stain may not reliably differentiate maternal from fetal cells.</p> <p>Testing performed at Meriter Laboratories, 36 S Brooks St Madison, WI 53715, unless otherwise stated in result.</p>	Indication	Dosage Recommended	** Spontaneous or Induced Abortion (<12 weeks)	= Not recommended	** Ectopic pregnancy, sharp curettage (<12 weeks)	= 50 mcg RhIg	** Other invasive procedure (<12 weeks)	= 50 mcg RhIg	** Pregnancy loss (13 to <=18 weeks)	= 100 mcg RhIg	** Pregnancy >18 weeks	= 300 mcg RhIg
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Kleihauer-Betke Stain: results for a fetal bleed of less than 5 mL.													
<p>Kleihauer-Betke stain Order: 9869699</p> <p>Status: Final result Visible to patient: Yes (seen) Next appt: None</p> <p>0 Result Notes</p> <p>Component <u>2/16/24 0722</u></p> <p>Fetal Cell Stain <u>Fetal/Adult red cell stain demonstrates a fetal bleed of less than 5 mL. If the patient is a candidate for Rh Immune Globulin, 1 (one) vial is indicated.</u></p> <p>Comment: This test differentiates cells containing Hgb F from cells containing normal adult hemoglobin. If the mother has a hemoglobin variant with increased amounts of Hgb F, the fetal cell stain may not reliably differentiate maternal from fetal cells.</p> <p>BLOOD</p> <p>Testing performed at Meriter Laboratories, 36 S Brooks St Madison, WI 53715, unless otherwise stated in result.</p>	<p>Kleihauer-Betke stain</p> <p>Status: Final result Visible to patient: No (inaccessible in MyUnityPoint) Next appt: None</p> <p>0 Result Notes</p> <p>Component <u>5/30/24 1325</u></p> <p>Fetal Cell Stain <u>BLOOD</u></p> <p>Comment: (NOTE) Fetal/adult red cell stain demonstrates a fetal bleed of less than 5 mL.</p> <p>If patient is a candidate for Rh immune globulin, up to a 300 mcg dose is indicated.**</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">Indication</th> <th style="text-align: center;">Dosage Recommended</th> </tr> </thead> <tbody> <tr> <td>** Spontaneous or Induced Abortion (<12 weeks)</td> <td>= Not recommended</td> </tr> <tr> <td>** Ectopic pregnancy, sharp curettage (<12 weeks)</td> <td>= 50 mcg RhIg</td> </tr> <tr> <td>** Other invasive procedure (<12 weeks)</td> <td>= 50 mcg RhIg</td> </tr> <tr> <td>** Pregnancy loss (13 to <=18 weeks)</td> <td>= 100 mcg RhIg</td> </tr> <tr> <td>** Pregnancy >18 weeks</td> <td>= 300 mcg RhIg</td> </tr> </tbody> </table>	Indication	Dosage Recommended	** Spontaneous or Induced Abortion (<12 weeks)	= Not recommended	** Ectopic pregnancy, sharp curettage (<12 weeks)	= 50 mcg RhIg	** Other invasive procedure (<12 weeks)	= 50 mcg RhIg	** Pregnancy loss (13 to <=18 weeks)	= 100 mcg RhIg	** Pregnancy >18 weeks	= 300 mcg RhIg
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Kleihauer-Betke Stain: results of a large fetal bleed.													
<p>Kleihauer-Betke stain</p> <p>Status: Final result Visible to patient: Yes (seen)</p> <p>0 Result Notes</p> <p>Component <u>5/26/24 1558</u></p> <p>Fetal Cell Stain <u>BLOOD</u></p> <p>Comment: (NOTE) Fetal/Adult Red Cell Stain demonstrates a fetal blood of approximately 30 mLs. If the patient is a candidate for Rh Immune Globulin, 2 vial(s) are indicated.</p>	<p>Kleihauer-Betke stain</p> <p>Status: Final result Visible to patient: No (inaccessible in MyUnityPoint) Next appt: None</p> <p>0 Result Notes</p> <p>Component <u>5/30/24 1322</u></p> <p>Fetal Cell Stain <u>BLOOD</u></p> <p>Comment: (NOTE) Fetal/adult red blood cell stain demonstrates a fetal bleed of approximately 25 mL. If patient is a candidate for Rh Immune globulin, a 600 mcg dose is indicated.</p>												

If you have any questions, please call the UnityPoint Health - Meriter Laboratories Client Services Department at 608-417-6529 or 1-800-236-0465.