



A Division of Innovative Blood Resources

**MBC Testing Catalog**  
**Donor Testing Laboratory**  
 Viral Screening, Red Cell Typing, Nucleic Acid Testing

Hepatitis B Virus		
<p><b>Hepatitis B Virus Surface Antigen (HBsAg)</b></p> <p><b>Test Code(s):</b></p> <p><i>HBsAg</i> - Neutralization performed on Repeat Reactive samples</p> <p><i>HBsAg (No Reflex)</i> – No further testing performed</p> <p><b>Manufacturer:</b> BioRad</p> <p><b>Methodology:</b> EIA Screening</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<p>Glass Tubes</p> <ul style="list-style-type: none"> <li>• Serum</li> <li>• Plasma (EDTA, sodium heparin, sodium citrate, CPDA-1 and ACD anticoagulants)</li> </ul> <p>Plastic Tubes</p> <ul style="list-style-type: none"> <li>• Serum, serum separator tubes</li> <li>• Plasma (EDTA, lithium heparin, and sodium citrate)</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1.5 ml</p> <ul style="list-style-type: none"> <li>• 2-8°C for up to 7 days</li> <li>• ≤ -20°C after 7 days (specimens should be removed from the clot or red blood cells prior to freezing)</li> <li>• 5 Freeze/Thaw cycles</li> </ul> <p>Ship at ambient temperature (up to 37°C) or refrigerated (2-8°C) for up to 7 days. For transit times greater than 7 days, the serum or plasma must be removed from the clot or red blood cells and should be kept frozen (≤ -20°C).</p> <p>Monday thru Saturday</p> <p>87340</p>
<p><b>Hepatitis B Virus Surface Antigen Neutralization (HBsAg Confirmatory)</b></p> <p><b>Test Code:</b></p> <p><i>HBsAg Neutralization</i></p> <p><b>Manufacturer:</b> BioRad</p> <p><b>Methodology:</b> EIA Confirmatory</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<p>Glass Tubes</p> <ul style="list-style-type: none"> <li>• Serum</li> <li>• Plasma (EDTA, sodium heparin, sodium citrate, CPDA-1 and ACD anticoagulants)</li> </ul> <p>Plastic Tubes</p> <ul style="list-style-type: none"> <li>• Serum, serum separator tubes</li> <li>• Plasma (EDTA, lithium heparin, and sodium citrate)</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1.0 ml</p> <ul style="list-style-type: none"> <li>• 2-8°C for 7 days</li> <li>• ≤ -20°C after 7 days (specimens should be removed from the red blood cells prior to freezing)</li> <li>• 5 Freeze/Thaw cycles</li> </ul> <p>Ship at ambient temperature (up to 37°C) or refrigerated (2-8°C) for up to 7 days, and upon arrival should be stored at 2-8°C. For transit times greater than 7 days, the serum or plasma must be removed from the clot or red blood cells and should be kept frozen, (≤ -20°C).</p> <p>Monday/Tuesday, Wednesday, Friday</p> <p>87341</p>



A Division of Innovative Blood Resources

## MBC Testing Catalog Donor Testing Laboratory

Viral Screening, Red Cell Typing, Nucleic Acid Testing

Hepatitis B Virus – continued		
<p><b>Antibody to Hepatitis B Virus Surface Antigen (Anti-HBs)</b></p> <p style="background-color: #cccccc; padding: 2px;"><i>Sent to ViroMed for testing</i></p> <p><b>Test Code:</b> <i>ADVIA Centaur Anti-HBs</i></p> <p><b>Manufacturer:</b> ADVIA Centaur</p> <p><b>Methodology:</b> Direct, chemiluminometric technology</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum</li> <li>• Plasma (EDTA or NA and LI heparin)</li> <li>• Do not use hemolyzed or heat-inactivated specimens</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>100 µL</p> <ul style="list-style-type: none"> <li>• Specimens should be centrifuged within 24 hours of collection.</li> <li>• 2-8°C for up to 7 days</li> <li>• ≤ -20°C after 3 days (specimens should be removed from the red blood cells prior to freezing)</li> <li>• Avoid Multiple Freeze/Thaw cycles</li> </ul> <p>Specimens should be removed from the red blood cells and shipped frozen.</p> <p>Monday thru Friday</p> <p>86317</p>
<p><b>Antibody to Hepatitis B Core Antigen, Total (Anti-HBc Total)</b></p> <p><b>Test Code:</b> <i>Anti-HBc Total</i></p> <p><b>Manufacturer:</b> Ortho Clinical Diagnostics</p> <p><b>Methodology:</b> EIA Screening</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum, SST (plastic or glass)</li> <li>• Plasma (plastic or glass) (EDTA, heparin or citrate-based anticoagulants)</li> <li>• Do not use heat treated specimens</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>0.5 ml</p> <ul style="list-style-type: none"> <li>• 24 hours at Room Temperature (15-28°C)</li> <li>• 2-8°C for up to 10 days</li> <li>• ≤ -20°C after 10 days but no longer than 4 weeks (specimens should be removed from the red blood cells prior to freezing)</li> <li>• 5 Freeze/Thaw cycles</li> </ul> <p>Specimens may be shipped at ambient temperature (up to 37°C) or refrigerated (2-8°C) for up to 7 days. For transit times greater than 7 days, the serum or plasma must be removed from the red blood cells and shipped frozen (≤ -20°C)</p> <p>Monday thru Saturday</p> <p>86704</p>



A Division of Innovative Blood Resources

## MBC Testing Catalog Donor Testing Laboratory

Viral Screening, Red Cell Typing, Nucleic Acid Testing

Hepatitis B Virus – continued		
<p><b>Antibody to Hepatitis B Core Antigen IgM (Anti-HBc IgM)</b> <i>Sent to ViroMed for testing</i></p> <p><b>Test Code:</b> <i>IMMULITE Anti-HBc IgM</i></p> <p><b>Manufacturer:</b> IMMULITE 2000</p> <p><b>Methodology:</b> Immunochemiluminometric assay (ICMA)</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum</li> <li>• Plasma (EDTA) Do not use hemolyzed or heat-inactivated specimens</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1.0 ml</p> <ul style="list-style-type: none"> <li>• 2 days at Room Temperature (15-28°C)</li> <li>• 2-8°C for 3 days</li> <li>• -20°C after 3 days (specimens should be removed from the red blood cells prior to freezing)</li> <li>• 2 Freeze/Thaw cycles</li> <li>• Specimens which are not tested within 24 hours should be removed from the cells</li> </ul> <p>Specimens should be removed from the cells prior to shipping. Specimens may be shipped at 2-8°C for up to 3 days. For transit times greater than 3 days, the specimen should be kept frozen at ≤ -20°C.</p> <p>Sunday thru Friday</p> <p>86705</p>
Hepatitis C Virus		
<p><b>Antibody to Hepatitis C Virus (Anti-HCV)</b></p> <p><b>Test Code(s):</b> <i>Anti-HCV - Repeat Reactive samples sent out for a PRISM HCV</i> <i>Anti-HCV (No Reflex) - No further testing performed</i></p> <p><b>Manufacturer:</b> Ortho Clinical Diagnostics</p> <p><b>Methodology:</b> EIA Screening</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum, SST</li> <li>• Plasma (EDTA, lithium heparin, CPD, CP2D, CPDA-1, ACD or 4% citrate anticoagulants)</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1.0 ml</p> <ul style="list-style-type: none"> <li>• 2-8°C for 10 days</li> <li>• ≤ -20°C after 10 days (no longer than 4 weeks; specimens should be removed from the red blood cells prior to freezing)</li> <li>• 5 Freeze/Thaw cycles</li> </ul> <p>Specimens may be shipped at ambient temperature (up to 37°C) or refrigerated (2-8°C) for up to 7 days. For transit times greater than 7 days, the serum or plasma must be removed from the clot or red blood cells and should be kept frozen (≤ -20°C)</p> <p>Monday thru Saturday</p> <p>86803</p>



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**Hepatitis C Virus - continued**

<p><b>Antibody to Hepatitis C Virus (Anti-HCV)</b>  <b>Alternate Methodology</b>  <i>Sent to Indiana Blood Center for testing</i></p> <p><b>Test Code:</b>  <i>PRISM HCV</i></p> <p><b>Manufacturer:</b>          Abbott Laboratories</p> <p><b>Methodology:</b>          Abbott PRISM HCV (ChLIA)</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum, SST</li> <li>• Plasma (EDTA, potassium oxalate, sodium citrate, ACD-A, ACD-B, CP2D, CPD, or CPDA-1 anticoagulants or collected from segmented tubing)</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1.0 ml</p> <ul style="list-style-type: none"> <li>• 2-8°C for up to 14 days</li> <li>• ≤ -20°C after 14 days (specimens should be removed from the red blood cells prior to freezing)</li> </ul> <p>Specimens may be shipped at ≤ 30°C for up to 7 days. If shipping the sample frozen, remove the serum or plasma from the clot or red blood cells prior to shipping.</p> <p>Monday thru Saturday</p> <p>86803</p>
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**Human Immunodeficiency Virus (HIV)**

<p><b>Antibody to Human Immunodeficiency Viruses Type 1 and 2 plus O (Anti-HIV-1,2+O)</b></p> <p><b>Test Code(s):</b>  <i>Anti-HIV-1,2 plus O</i> – Western Blot performed on Repeat Reactive samples  <i>Anti-HIV-1,2 plus O (No Reflex)</i> – No further testing performed</p> <p><b>Manufacturer:</b>          BioRad</p> <p><b>Methodology:</b>          EIA Screening</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum, SST</li> <li>• Plasma (EDTA, sodium &amp; lithium heparin, sodium citrate, CPD, CPDA-1, and ACD)</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>600µL</p> <ul style="list-style-type: none"> <li>• 2-8°C for 7 days</li> <li>• ≤ -20°C after 7 days (specimens should be removed from the red blood cells prior to freezing)</li> <li>• 5 Freeze/Thaw cycles</li> </ul> <p>Specimens may be shipped refrigerated (2-8°C) or at ambient temperature (≤ 37 °C) for up to 7 days. For shipments that are in transit for more than 7 days, the serum or plasma must be removed from the clot or red blood cells and should be kept frozen, (≤ -20°C).</p> <p>Monday thru Saturday</p> <p>86703</p>
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Human Immunodeficiency Virus (HIV) – continued		
<p><b>Antibody to Human Immunodeficiency Virus Type 2 (Anti-HIV-2)</b></p> <p><b>Test Code(s):</b> <i>Anti-HIV-2</i> – HIV-2 Immunoblot performed on Repeat Reactive samples <i>Anti-HIV-2 (No Reflex)</i> – No further testing performed</p> <p><b>Manufacturer:</b> BioRad</p> <p><b>Methodology:</b> EIA Screening</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum</li> <li>• Plasma</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>200 µL</p> <ul style="list-style-type: none"> <li>• 2-8°C for 7 days</li> <li>• ≤ -15°C after 7 days (specimens should be removed from the red blood cells prior to freezing)</li> <li>• 5 Freeze/Thaw cycles</li> </ul> <p>Specimens may be shipped refrigerated (2-8°C) for up to 7 days. For transit times greater than 7 days, the serum or plasma must be removed from the clot or red blood cells and kept frozen (≤ -15°C).</p> <p>Monday/Tuesday, Wednesday, Friday</p> <p>86702</p>
<p><b>Antibody to Human Immunodeficiency Virus Type 1 Western Blot (HIV-1 Western Blot)</b></p> <p><b>Test Code:</b> <i>HIV-1 Western Blot</i></p> <p><b>Manufacturer:</b> BioRad</p> <p><b>Methodology:</b> BioRad – Western Blot</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum</li> <li>• Plasma (EDTA, heparin, sodium citrate, CPDA-1, and ACD)</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>100 µL</p> <ul style="list-style-type: none"> <li>• 2-8°C for 7 days</li> <li>• ≤ -20°C after 7 days (specimens should be removed from the red blood cells prior to freezing)</li> <li>• 5 Freeze/Thaw cycles</li> </ul> <p>Specimens may be shipped refrigerated (2-8°C) or at ambient temperature (≤ 37 °C) for up to 7 days. For shipments that are in transit for more than 7 days, the serum or plasma must be removed from the clot or red blood cells and should be kept frozen, (≤ -20°C).</p> <p>Monday/Tuesday, Wednesday, Friday</p> <p>86689</p>

### Human Immunodeficiency Virus (HIV) – continued

<p><b>Antibody to Human Immunodeficiency Virus Type 2 Immunoblot (HIV-2 Immunoblot)</b></p> <p><i>Sent to ViroMed for testing</i></p> <p><b>Test Code:</b> <i>HIV-2 Immunoblot</i></p> <p><b>Manufacturer:</b> Laboratory developed assay using analyte specific reagents</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum</li> <li>• EDTA Plasma</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing</p> <p>100 µL</p> <ul style="list-style-type: none"> <li>• 2-8°C for up to 7 days</li> <li>• ≤ -20°C after 7 days (specimens should be removed from the red blood cells prior to freezing)</li> </ul> <p>Specimens may be shipped refrigerated (2-8°C) for up to 7 days. For shipments that are in transit for more than 7 days, the serum or plasma must be removed from the clot or red blood cells and should be kept frozen (≤ -20°C).</p> <p>Tuesday, Thursday, Saturday</p> <p>86689</p>
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### Human T-Lymphotropic Virus (HTLV)

<p><b>Antibody to Human T-Lymphotropic Virus Type I and II (Anti-HTLV I/II)</b></p> <p><b>Test Code(s):</b></p> <p><i>Avioq HTLV-I/II (Blot Reflex)</i>- Repeat Reactive samples sent out for a MPD HTLV Blot 2.4</p> <p><i>Avioq HTLV-I/II (No Reflex)</i> – No further testing performed</p> <p><b>Manufacturer:</b> Avioq</p> <p><b>Methodology:</b> EIA Screening</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code(s):</b></p>	<ul style="list-style-type: none"> <li>• Serum, SST</li> <li>• Plasma (EDTA, heparin, citrate, CPD, CPDA-1 anticoagulants or collected from segmented tubing)</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>0.5 ml</p> <ul style="list-style-type: none"> <li>• 2-8°C for 14 days</li> <li>• ≤ -20°C after 14 days (specimens should be removed from the red blood cells prior to freezing)</li> <li>• 1 Freeze/Thaw cycle</li> </ul> <p>Specimens may be shipped at ambient temperature, refrigerated (2-8°C) or frozen (≤ -20°C). Prior to freezing, serum or plasma must be removed from the clot or red blood cells.</p> <p>Monday thru Saturday</p> <p>86687 / 86688</p>
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Human T-Lymphotropic Virus (HTLV) - continued		
<p><b>Antibody to Human T-Lymphotropic Virus Type I and II Western Blot (MPD HTLV Blot 2.4)</b></p> <p style="background-color: #cccccc; padding: 2px;"><i>Sent to ViroMed for testing</i></p> <p><b>Test Code:</b> <i>HTLV Blot 2.4</i></p> <p><b>Manufacturer:</b> MP Diagnostics</p> <p><b>Methodology:</b> Western Blot</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code(s):</b></p>	<ul style="list-style-type: none"> <li>• Serum</li> <li>• Plasma (EDTA, PPT, potassium oxalate, sodium citrate, heparin, ACD anticoagulants)</li> <li>• Grossly lipemic / icteric samples should be avoided</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>0.5 ml</p> <ul style="list-style-type: none"> <li>• remove cells from sample before storage</li> <li>• 2-8°C for 7 days</li> <li>• ≤ -20°C after 7 days</li> <li>• Up to 5 freeze / thaw cycles</li> </ul> <p>Specimens may be shipped at 2-8°C for a period not to exceed 7 days if removed from clot or cells. ≤ -20°C or colder if the test is delayed for more than 7 days.</p> <p>Wednesday and Friday</p> <p>86689</p>



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Trypanosoma cruzi (T.cruzi)		
<p><b>Antibody to Trypanosoma cruzi (Anti-T.cruzi)</b></p> <p><b>Test Code(s):</b></p> <p><i>Anti-T.cruzi (ESA Reflex)</i>- Repeat Reactive samples sent out for a Abbott ESA Chagas</p> <p><i>Anti-T.cruzi (No Reflex)</i> - No further testing performed</p> <p><b>Manufacturer:</b> Ortho Clinical Diagnostics</p> <p><b>Methodology:</b> EIA Screening</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum, SST</li> <li>• Plasma (EDTA, lithium heparin, CPD, CP2D, CPDA-1, ACD or 4% citrate anticoagulants)</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1.0 ml</p> <ul style="list-style-type: none"> <li>• Up to 37°C for 24 hours</li> <li>• 2-8°C for 10 days</li> <li>• ≤ -20°C after 10 days up to 4 weeks (Can be stored for 6 months with 1 freeze/thaw cycle)</li> <li>• 5 Freeze/Thaw cycles</li> </ul> <p>Specimens may be shipped at ambient temperature (up to 37°C) or refrigerated (2-8°C) for up to 7 days, and upon arrival should be stored at 2-8°C. For transit times greater than seven days, the serum or plasma must be removed from the clot or red blood cells and should be kept frozen, (≤ -20°C).</p> <p>Monday thru Saturday</p> <p>86753</p>
<p><b>Trypanosoma cruzi (E coli, Recombinant) Antigen (Abbott ESA Chagas)</b></p> <p style="background-color: #cccccc; padding: 2px;"><i>Sent to American Red Cross for testing</i></p> <p><b>Test Code:</b></p> <p><i>Abbott ESA Chagas</i></p> <p><b>Manufacturer:</b> Abbott Laboratories</p> <p><b>Methodology:</b> Enzyme Strip assay</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum, SST</li> <li>• Plasma (EDTA, potassium oxalate, sodium citrate, ACD-A, ACD-B, CP2D, CPD, or CPDA-1 anticoagulants or collected from segmented tubing)</li> <li>• Do not use specimens collected in heparin</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1.0 ml</p> <ul style="list-style-type: none"> <li>• 30°C or colder for up to 7 days</li> <li>• 2-8°C or -20°C or colder for up to, but may not exceed, 14 days (specimens should be removed from the red blood cells prior to freezing)</li> </ul> <p>Specimens may be shipped at 30°C or colder for up to 7 days, or 2-8°C or -20°C or colder for up to 14 days. Prior to freezing, serum or plasma must be removed from the clot or red blood cells.</p> <p>Monday thru Saturday</p> <p>86753</p>





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Serologic Test for Syphilis (STS)		
<p><b>PK Treponema Pallidum System for detection of Syphilis (Syphilis MHA-TP)</b></p> <p><b>Test Code:</b> <i>Syphilis MHA-TP</i></p> <p><b>Manufacturer:</b> Beckman Coulter</p> <p><b>Methodology:</b> Microhemagglutination</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume:</b> (excluding the red cell volume)</p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Plasma (EDTA)</li> <li>• Serum</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>2.0 ml</p> <ul style="list-style-type: none"> <li>• 2-8°C - up to 5 days (Plasma cannot be used after 5 days)</li> <li>• ≤ -20°C after 5 days (Serum should be removed from the clot prior to freezing)</li> <li>• Avoid repeat Freeze/Thaw cycles</li> </ul> <p>Serum should be removed from the clot within 5 days from collection and ship frozen.</p> <p>Monday thru Saturday</p> <p>86780 – STS – Treponema Pallidum</p>
<p><b>Captia Syphilis (T.Pallidum)-G</b></p> <p style="background-color: #cccccc; padding: 2px;"><i>Sent to ViroMed for testing</i></p> <p><b>NOTE:</b> used as a supplemental test for Repeat Reactive Blood donors <b>ONLY</b></p> <p><b>Test Code:</b> <i>CAPTIA Syphilis TPALL</i></p> <p><b>Manufacturer:</b> Trinity Biotech</p> <p><b>Methodology:</b> Enzyme immunoassay</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume:</b> (excluding the red cell volume)</p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum</li> <li>• Plasma (EDTA, Citrated)</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>0.5 ml</p> <p>Serum:</p> <ul style="list-style-type: none"> <li>• 2-8°C - up to 5 days</li> <li>• ≤ -20°C after 5 days (specimens should be removed from the clot or red blood cells prior to freezing)</li> </ul> <p>Plasma:</p> <ul style="list-style-type: none"> <li>• 2-8°C - up to 48 hours (Do not freeze plasma)</li> </ul> <p>Serum may be shipped ambient, refrigerated (2-8°C), or frozen.</p> <p>Monday thru Saturday</p> <p>86780 – STS – Treponema Pallidum</p>



A Division of Innovative Blood Resources

## MBC Testing Catalog Donor Testing Laboratory

Viral Screening, Red Cell Typing, Nucleic Acid Testing

### Nucleic Acid Testing (NAT)

<p><b>COBAS TaqScreen MPX 2.0 Test (HIV/HCV/HBV PCR)</b></p> <p><b>Test Code(s):</b> <i>MPX 2.0 PCR – Test result reports will include three separate test results for the individual assays HCV PCR, HBV PCR and HIV PCR.</i></p> <p>This test is for the eligibility determination of Donors of blood and blood components and human cells, tissues and cellular tissue based products (HCT/Ps).</p> <p>This test is not intended to be used for routine clinical or diagnostic evaluation.</p> <p><b>Manufacturer:</b> Roche</p> <p><b>Methodology:</b> Roche RNA Polymerase Chain Reaction</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume:</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code(s):</b></p>	<ul style="list-style-type: none"> <li>• Plasma (EDTA*, CPD, CPDA-1, CP2D, and 4% Sodium Citrate), PPT</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1 full 7 ml plasma tube</p> <p>Specimens should be removed from the red blood cells prior to freezing.</p> <ul style="list-style-type: none"> <li>• 2-25°C for 48 hours</li> <li>• 2-8°C for 5 days</li> <li>• 2-8°C for days 6-12 if separated from cells</li> <li>• ≤ -18°C for days 12-30</li> <li>• 3 Freeze/Thaw cycles</li> </ul> <p>Plasma samples should be shipped within the storage specifications.</p> <p>Monday thru Saturday</p> <p>HIV PCR – 87535 HCV PCR – 87521 HBV PCR – 87516</p>
<p><b>COBAS Taqscreen WNV Test (WNV PCR)</b></p> <p><b>Test Code:</b> <i>WNV PCR</i></p> <p>This test is for the eligibility determination of Donors of blood and blood components and human cells, tissues and cellular tissue based products (HCT/Ps).</p> <p>This test is not intended to be used for routine clinical or diagnostic evaluation.</p> <p><b>Manufacturer:</b> Roche</p> <p><b>Methodology:</b> Roche RNA Polymerase Chain Reaction</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume:</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Plasma (EDTA*, CPD, CPDA-1, CP2D, ACD-A and 4% Sodium Citrate).</li> </ul> <p><b>*EDTA is the recommended specimen, the other anticoagulants have more stringent storage requirements that are difficult to comply with when shipping specimens for testing. Please call the lab for the requirement if needed.</b></p> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1 full 7 ml EDTA plasma tube</p> <p><b>EDTA only</b></p> <p>Specimens should be removed from the red blood cells prior to freezing.</p> <ul style="list-style-type: none"> <li>• 2-30°C for 24 hours followed by 24 hours at 2-25 °C OR 2-25 °C for 48 hours</li> <li>• 2-8°C to 5 days</li> <li>• 2-8°C for days 6-12 if separated from cells</li> <li>• ≤ -20°C for days 12-30</li> <li>• 3 Freeze/Thaw cycles</li> </ul> <p>EDTA plasma samples should be shipped within the storage specifications.</p> <p>Monday thru Saturday</p> <p>87798</p>



A Division of Innovative Blood Resources

**MBC Testing Catalog**  
**Donor Testing Laboratory**  
 Viral Screening, Red Cell Typing, Nucleic Acid Testing

Nucleic Acid Testing (NAT) - continued		
<p><b>ZIKA Virus Nucleic Acid Test (ZIKA PCR)</b></p> <p><b>NOTE: Blood Donors only</b></p> <p>This test is for the eligibility determination of Donors of blood and blood components.</p> <p>This test is not intended to be used for routine clinical or diagnostic evaluation.</p> <p><b>Manufacturer:</b> Roche</p> <p><b>Methodology:</b> Qualitative in vitro nucleic acid screen</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume:</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Plasma (EDTA, CP2D).</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1 full 7 ml plasma tube</p> <p>Specimens should be removed from the red blood cells prior to freezing.</p> <ul style="list-style-type: none"> <li>• 2-30°C for 24 hours followed by 48 hours at 2-25 °C OR 3 days at 2-25 °C</li> <li>• 2-8°C to 5 days</li> <li>• ≤ -15°C for days 6-15</li> <li>• 3 Freeze/Thaw cycles</li> </ul> <p>Samples should be shipped within the storage specifications.</p> <p>Monday thru Saturday</p>
<p><b>Babesia Nucleic Acid Test (Babesia PCR)</b></p> <p><b>NOTE: INVESTIGATIONAL USE-Red Blood Cell Donors only</b></p> <p>This test is for the eligibility determination of Donors of blood and blood components.</p> <p>This test is not intended to be used for routine clinical or diagnostic evaluation.</p> <p><b>Manufacturer:</b> N/A Investigational Use</p> <p><b>Methodology:</b> Qualitative in vitro nucleic acid screen</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume:</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Whole Blood (7.7 ml Whole Blood Collection Tube).</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1 full 7.7 ml Whole Blood Tube</p> <ul style="list-style-type: none"> <li>• 2-30°C for 24 hours followed by 48 hours at 2-25 °C OR 3 days at 2-25 °C</li> <li>• 2-8°C up to 30 days post collection</li> </ul> <p>Samples should be shipped within the storage specifications.</p> <p>Monday thru Saturday</p>



A Division of Innovative Blood Resources

**MBC Testing Catalog**  
**Donor Testing Laboratory**  
 Viral Screening, Red Cell Typing, Nucleic Acid Testing

<b>Cytomegalovirus (CMV)</b>		
<p><b>Antibody to Cytomegalovirus (Anti-CMV Total (IgG+IgM Antibody))</b></p> <p><b>Test Code(s):</b>  <i>CMV Total (IgG / IgM Reflex)</i> – CMV IgG and CMV IgM are performed on reactive samples  <i>CMV Total (IgM Reflex)</i> – CMV IgM is performed on reactive samples  <i>CMV Total (No Reflex)</i> – No further testing is performed</p> <p><b>Manufacturer:</b>            Beckman Coulter</p> <p><b>Methodology:</b>            Passive Particle agglutination – automated</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum – Samples collected in a tube containing a neutral gel separator are NOT acceptable. (False positive results may occur.)</li> <li>• Plasma (EDTA)</li> </ul> <p>NOTE: Specimens collected with an improper ratio of specimen to anticoagulant cannot be used for testing.</p> <p>1.0 ml</p> <ul style="list-style-type: none"> <li>• 15-30°C for 3 days (Serum, EDTA)</li> <li>• 2-8°C for 5 days (Serum, EDTA)</li> <li>• 2-8°C for up to 14 days , serum only</li> <li>• ≤ -20°C after 14 days, serum only (specimens should be removed from the clot or red blood cells prior to freezing)</li> <li>• Avoid repeat Freeze/Thaw cycles</li> </ul> <p>Samples should be shipped within the storage specifications.</p> <p>Monday thru Saturday</p> <p>86644</p>



A Division of Innovative Blood Resources

**MBC Testing Catalog**  
**Donor Testing Laboratory**  
 Viral Screening, Red Cell Typing, Nucleic Acid Testing

**Cytomegalovirus (CMV) - continued**

<p><b>Cytomegalovirus IgM Antibody (Anti-CMV IgM)</b></p> <p><b>Test Code:</b> <i>CMV IgM EIA</i></p> <p><b>Manufacturer:</b> BioRad</p> <p><b>Methodology:</b> EIA</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum</li> </ul> <p>0.5 ml</p> <p>The serum should be removed from the clot.</p> <ul style="list-style-type: none"> <li>• 2-8°C for 48 hours</li> <li>• ≤ -20°C after 48 hours</li> <li>• Avoid multiple Freeze/Thaw cycles</li> </ul> <p>Samples should be shipped within the storage specifications.</p> <p>Monday, Wednesday, Friday</p> <p>86645</p>
<p><b>Cytomegalovirus IgG Antibody (Anti-CMV IgG)</b></p> <p><b>Test Code:</b> <i>CMV IgG EIA</i></p> <p><b>Manufacturer:</b> BioRad</p> <p><b>Methodology:</b> EIA</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum</li> </ul> <p>0.5 ml</p> <p>The serum should be removed from the clot.</p> <ul style="list-style-type: none"> <li>• 2-8°C for 48 hours</li> <li>• ≤ -20°C after 48 hours</li> <li>• Avoid multiple Freeze/Thaw cycles</li> </ul> <p>Samples should be shipped within the storage specifications.</p> <p>Monday, Wednesday, Friday</p> <p>86644</p>



A Division of Innovative Blood Resources

**MBC Testing Catalog**  
**Donor Testing Laboratory**  
 Viral Screening, Red Cell Typing, Nucleic Acid Testing

Miscellaneous		
<p><b>Blood Type</b> <b>(ABO Rh - Blood Type)</b></p> <p><b>Test Code:</b> <i>Blood Type</i></p> <p><b>Manufacturer(s):</b> Beckman Coulter - Primary method Immucor – Backup method</p> <p><b>Methodology:</b> Agglutination</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume:</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code(s):</b></p>	<ul style="list-style-type: none"> <li>• Plasma whole blood (EDTA)</li> </ul> <p>1 full 7 ml EDTA plasma tube (automated)</p> <ul style="list-style-type: none"> <li>• 2-8°C for 5 days (automated)</li> <li>• Do NOT freeze samples</li> </ul> <p>Samples should be shipped within the storage specifications.</p> <p>Monday thru Saturday</p> <p>ABO – 86900 Rh – 86901</p>
<p><b>Chlamydia trachomatis</b> <b>(Chlamydia)</b></p> <p style="background-color: #cccccc; padding: 2px;"><i>Sent to ViroMed for testing</i></p> <p><b>Test Code:</b> <i>GP Chlamydia</i></p> <p><b>Manufacturer:</b> GEN-PROBE</p> <p><b>Methodology:</b> APTIMA Combo 2 Assay</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume:</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<p>Urine, Endocervical Swab / Urethral Swab (APTIMA collection device supplied)</p> <p>The sample MUST fall in between the black fill lines of the transport tube.</p> <p>Urine: 2-30° C for up to 30 days, store at -20° C to -70° C for up to 12 months in transport tube Swab: 2-30° C for 60 days, or -20° C to -70° C for up to 6 months</p> <p>Urine: Transport at 2-30° C within 30 days of collection Swab: Transport at 2-30° C within 60 days of collection</p> <p>Daily</p> <p>87491</p>
<p><b>Neisseria Gonorrhoeae</b> <b>(Gonorrhea)</b></p> <p style="background-color: #cccccc; padding: 2px;"><i>Sent to ViroMed for testing</i></p> <p><b>Test Code:</b> <i>GP Gonorrhoeae</i></p> <p><b>Manufacturer:</b> GEN-PROBE</p> <p><b>Methodology:</b> APTIMA Combo 2 Assay</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume:</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<p>Urine, Endocervical Swab / Urethral Swab (APTIMA collection device supplied)</p> <p>The sample MUST fall in between the black fill lines of the transport tube.</p> <p>Urine: 2-30° C for up to 30 days, store at -20° C to -70° C for up to 12 months in transport tube Swab: 2-30° C for 60 days, or -20° C to -70° C for up to 6 months</p> <p>Urine: Transport at 2-30° C within 30 days of collection Swab: Transport at 2-30° C within 60 days of collection</p> <p>Daily</p> <p>87591</p>



A Division of Innovative Blood Resources

**MBC Testing Catalog**  
**Donor Testing Laboratory**  
 Viral Screening, Red Cell Typing, Nucleic Acid Testing

Miscellaneous - continued		
<p><b>Detection of Red Cell Antibodies (Red Cell Antibody)</b>  <i>Sent to the MBC Reference Lab for ID if positive (if requested)</i></p> <p><b>Test Code:</b>            Red Cell Antibody Screen</p> <p><b>Manufacturer:</b>            Immucor</p> <p><b>Methodology:</b>            Capture-R Ready Screen – solid phase - automated</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume:</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code(s):</b></p>	<ul style="list-style-type: none"> <li>• Serum – Samples collected in a tube containing a neutral gel separator are NOT acceptable.</li> <li>• Plasma (EDTA, ACD, CPD, CPDA-1, CP2D)</li> </ul> <p>1.0 ml</p> <ul style="list-style-type: none"> <li>• 1-10°C for 7 days</li> <li>• ≤-20°C after 7 days</li> </ul> <p>Shipping conditions not specified.</p> <p>Monday thru Saturday</p> <p>86850 (Screen) 86870 (Aby ID)</p>
<p><b>Sickle Heme Sickle Cell Test (Sickle Cell Screen – Hemoglobin S)</b>  <i>Sent to the MBC Reference Lab for testing</i></p> <p><b>Test Code:</b>            Sickle Cell Screen</p> <p><b>Manufacturer:</b>            Michclone</p> <p><b>Methodology:</b>            Hemoglobin Solubility</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume:</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Plasma (EDTA, CPD or donor unit segment)</li> </ul> <p>1 full 7ml EDTA tube</p> <ul style="list-style-type: none"> <li>• 2-8°C for up to 4 weeks following collection.</li> </ul> <p>Shipping conditions not specified.</p> <p>Monday thru Friday</p> <p>85660</p>
<p><b>HLA Class I /II Antibody</b>  <i>Sent to the MBC Reference Lab for testing</i></p> <p><b>Test Code:</b>            HLA Class I/II Antibody Screen</p> <p><b>Methodology:</b>            Flow Cytometry</p>	<p><b>Specimen Requirements:</b></p> <p><b>Specimen Volume: (excluding the red cell volume)</b></p> <p><b>Storage Instructions:</b></p> <p><b>Shipping Requirements:</b></p> <p><b>Days Set Up:</b></p> <p><b>CPT Code:</b></p>	<ul style="list-style-type: none"> <li>• Serum or Plasma (EDTA, or ACD)</li> </ul> <p>1.0 ml</p> <p>Unopened blood specimens may be kept at room temperature up to 4 days. Separated serum or plasma may be refrigerated up to 7 days, or aliquots may be frozen at -20°C or below.</p> <p>1-10 C: if separated and frozen, must ship frozen and must be received frozen. (Aggregates should be removed from the test serum/plasma by centrifugation (8,000-10,000 g for 10 mins).</p> <p>Monday thru Friday</p> <p>86807</p>