

Diagnostic Testing Services Offered by WVRG

www.wisconsinlab.com

Wisconsin Viral Research Group, Ltd.

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| 2000 | Rapid Human Herpesvirus Six (HHV-6) Culture and Antigenemia | \$445 |
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Methodology: Shell vial culture. Detects both active HHV-6 A and HHV-6 B infection, but does not differentiate between them.
Performed: Tuesday, Wednesday, Thursday, Friday
Reported: Within 5 days after receipt in lab

Specimen Required:

Collect: Whole blood: 7-10 ml in ACD (acid citrate dextrose).
 Bone marrow: 2-3 ml in sodium heparin.
 Bronchoalveolar lavage: 2-3 ml in sterile, leak-proof container.
Transport: ACD tube and bone marrow at room temperature.
 Bronchoalveolar lavage refrigerated (wet ice).
 Ship Monday - Thursday.

Unacceptable Conditions:

Specimen received frozen.
 Specimen received greater than 48 hours from collection.
 Serum or plasma received instead of whole blood.

Stability: Whole blood and bone marrow: Room temperature, 48 hours.
 Bronchoalveolar lavage: Refrigerated, 48 hours.

Remarks: Only one ACD tube necessary for the Rapid HHV-6 Culture **and** PCR testing.
 Transport as whole blood.

Reference Value: Negative

Result is qualitative. Negative or Positive.

Interpretive Data:

Negative result suggests but does not prove the absence of active HHV-6 infection.
 Positive result is consistent with active HHV-6 infection.

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| 1100 | Human Herpesvirus Six (HHV-6) DNA NESTED PCR | \$275 |
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Methodology: Polymerase Chain Reaction. Enhanced sensitivity of nested PCR for the detection of active infection. Detects and differentiates HHV-6 A and HHV-6 B.

Performed: Monday - Friday

Reported: Within 4 days upon receipt in lab.

Specimen Required:

Collect: CSF, or one 7-10 ml whole blood in ACD (acid citrate dextrose) tube.
Transport: 1 ml CSF or plasma (ACD) in a sterile, leak-proof container, frozen (dry ice).
Or ship ACD tube as whole blood at room temperature.

Unacceptable Conditions:

Whole blood received frozen.
 Whole blood received greater than 48 hours from collection.

Stability: Plasma and CSF: Room temperature, 4 hours. Refrigerator, 3 days. Frozen, 1 year.
 Whole blood: Room temperature, 48 hours.

Reference Value*: Negative

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| 1200 | Epstein-Barr Virus (EBV) DNA NESTED PCR | \$225 |
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Methodology: Polymerase Chain Reaction. Enhanced sensitivity of nested PCR for the detection of active infection.

Performed: Monday - Friday

Reported: Within 4 days upon receipt in lab.

Specimen Required:
 Collect: One 7-10 ml ACD (acid citrate dextrose) tube.
 Transport: Plasma (ACD) in a sterile, leak-proof container, frozen (dry ice).
Or ship ACD tube as whole blood at room temperature.

Unacceptable Conditions:
 Whole blood received frozen. Whole blood received greater than 48 hours from collection.

Stability: Plasma: Room temperature, 4 hours. Refrigerator, 3 days. Frozen, 1 year.

Reference Value*: Negative

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| 3000 | Rapid Human Cytomegalovirus (HCMV) Culture and Antigenemia | \$445 |
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Methodology: Shell vial culture. Detects active HCMV infections by immunofluorescent staining with a HCMV specific monoclonal antibody.

Performed: Tuesday, Wednesday, Thursday, Friday

Reported: Within 5 days upon receipt in lab

Specimen Required:
 Collect: Whole blood: 7-10 ml in ACD (acid citrate dextrose). Bone marrow: 2-3 ml in sodium heparin.
 Bronchoalveolar lavage: 2-3 ml in sterile, leak-proof container.

Transport: ACD tube and bone marrow at room temperature.
 Bronchoalveolar lavage refrigerated (wet ice).
 Ship Monday - Thursday.

Unacceptable Conditions:
 Specimen received frozen.
 Specimen received greater than 48 hours from collection.
 Serum or plasma received instead of whole blood.

Stability: Whole blood and bone marrow: Room temperature, 48 hours.
 Bronchoalveolar lavage: Refrigerated, 48 hours.

Remarks: Only one ACD tube necessary for the Rapid HCMV Culture, Rapid HHV-6 Culture and PCR testing. Transport as whole blood.

Reference Value: Negative
 Result is qualitative. Negative or Positive.

Interpretive Data:
 Negative result suggests but does not prove the absence of active HCMV infection.
 Positive result is consistent with active HCMV infection.

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| 1400 | Human Cytomegalovirus(HCMV) DNA NESTED PCR | \$250 |
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Methodology: Polymerase Chain Reaction. Enhanced sensitivity of nested PCR for the detection of active infection.

Performed: Monday - Friday

Reported: Within 4 days upon receipt in lab.

Specimen Required:

Collect: CSF or one 7 to 10 ml ACD (acid citrate dextrose) tube.

Transport: 1 ml CSF or plasma (ACD) in a sterile, leak-proof container, frozen (dry ice). **Or** ship ACD tube as whole blood at room temperature.

Unacceptable Conditions:

Whole blood received frozen.

Whole blood received greater than 48 hours from collection.

Stability: Plasma and CSF: Room temperature, 4 hours. Refrigerator, 3 days. Frozen, 1 year.

Whole blood: Room temperature, 48 hours.

Reference Value*: Negative

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| 1300 | Human Herpesvirus Seven (HHV-7) DNA PCR | \$225 |
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Methodology: Polymerase Chain Reaction. Enhanced sensitivity of nested PCR for the detection of active infection.

Performed: Monday - Friday

Reported: Within 4 days upon receipt in lab.

Specimen Required:

Collect: One 7 to 10 ml ACD (acid citrate dextrose) tube.

Transport: Plasma (ACD) in a sterile, leak-proof container, frozen (dry ice). **Or** ship ACD tube as whole blood at room temperature.

Unacceptable Conditions:

Whole blood received frozen. Whole blood received greater than 48 hours from collection.

Stability: Plasma: Room temperature, 4 hours. Refrigerator, 3 days. Frozen, 1 year.

Reference Value*: Negative

All specimens should be labeled with the patient's name and collection date.
Ship specimen with a completed WVRG Test Request Form.

Ship specimens for testing, Monday through Thursday, to the following address:

Wisconsin Viral Research Group
 10437 Innovation Drive
 Suite 321
 Milwaukee, WI 53226

Call (414) 774-8612 for a specimen kit with instructions for the submission of a blood sample.

PCR tests use a commercial kit or reagent that has not been approved or cleared by the FDA. The performance characteristics were determined by WVRG.