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**Lab Dept:** Microbiology/Virology

**Test Name:** PARVOVIRUS B19 PCR, FLUID

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***General Information***

**Lab Order Codes:** PVP

**Synonyms:** Parvovirus B19 DNA PCR; Fifth Disease-Parvovirus

**CPT Codes:** 87798 - Infectious agent detection by nucleic acid (DNA or RNA), not otherwise specified; amplified probe technique, each organism

**Test Includes:** Parvovirus B19 Qualitative PCR reported as positive or negative

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***Logistics***

**Test Indications:** Diagnosing *Erythrovirus* B19 (parvovirus) infection.

**Lab Testing Sections:** Microbiology/Virology - Sendouts

**Referred to:** Mayo Medical Laboratories (MML Test: PARVO)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1 – 3 days, test set-up Monday – Friday

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Amniotic fluid, Spinal fluid, Synovial fluid or Bone marrow

**Container:** Sterile screw-capped plastic vial

**Draw Volume:** 0.5 mL (Minimum: 0.3 mL) fluid/bone marrow

**Processed Volume:** Same as Draw Volume

**Collection:** Standard fluid/bone marrow collection procedure

<b>Special Processing:</b>	Lab Staff: Send fluid/bone marrow specimens in a screw-capped plastic vial. Indicate fluid type on specimen label. Store and ship at refrigerated temperatures. Forward promptly.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Improperly labeled specimen; insufficient volume; improper specimen handling; gross hemolysis

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### ***Interpretive***

**Reference Range:** Negative

**Methodology:** Real-time Polymerase Chain Reaction (PCR)

**References:** [Mayo Medical Laboratories Web Page](#) August 2015

**Updates:** 3/18/2004: Test moved from the Univ of Texas Southwestern University to Mayo Medical Laboratories forward to Focus Technologies.  
10/26/2004: Test moved from Mayo forward to Focus Technologies to test being performed in house at MML. Note changes in blood draw volume, tube type and storage properties (previously frozen). Additional specimen types have been added.