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**Lab Dept:** Microbiology/Virology

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

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***General Information***

**Lab Order Codes:** PVPP

**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: PARVP)

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

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1 – 5 days, test set-up Monday – Friday

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Blood

**Container:** Lavender (EDTA) top tube

**Draw Volume:** 1.5 mL (Minimum: 0.9 mL) blood

**Processed Volume:** 0.5 mL (Minimum: 0.3 mL) plasma

**Collection:** Routine venipuncture

**Special Processing:** Lab Staff: Centrifuge specimen, aliquot plasma into a screw-capped, round bottom plastic vial. Store and ship at refrigerated temperatures. Forward promptly.

**Patient Preparation:** None

**Sample Rejection:** 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)/DNA Probe Hybridization

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