
Lab Dept: Microbiology/Virology

Test Name: PARVOVIRUS B19 PCR, FLUID

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

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

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

Special Processing:	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.
Patient Preparation:	None
Sample Rejection:	Improperly labeled specimen; insufficient volume; improper specimen handling; gross hemolysis

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.