

TEST CHANGE

Parvovirus B19 Antibody, IgG

0065121, PARVO G

Specimen Requirements:

Patient Preparation:

Collect: Serum Separator Tube (SST).

Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL) Parallel testing is preferred and convalescent specimens must be received within 30 days from receipt of the acute specimens.

Transport Temperature: Refrigerated.

Unacceptable Conditions: Bacterially contaminated, heat-inactivated, hemolyzed, icteric, lipemic, or turbid specimens.

Remarks: Mark specimens plainly as "acute" or "convalescent."

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

Methodology: Semi-Quantitative Enzyme-Linked Immunosorbent Assay

Performed: Sun-Sat

Reported: 1-~~3~~² days

Note:

CPT Codes: 86747

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

The best evidence for current infection is a significant change on two appropriately timed specimens, where both tests are done in the same laboratory at the same time.

Reference Interval:

0.90 IV or less: Negative - No significant level of detectable Parvovirus B19 IgG antibody.

0.91-1.09 IV: Equivocal - Repeat testing in 7-21 days may be helpful.

1.10 IV or greater: Positive - IgG antibody to Parvovirus B19 detected, which may indicate a current or past infection.



*A nonprofit enterprise of the University of Utah
and its Department of Pathology*

Effective Date: **February 21, 2023**