

TEST CHANGE

Parvovirus B19 Antibodies, IgG and IgM

0065120, PARVO

Specimen Requirements:	
Patient Preparation:	
Collect:	Serum separator tube 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 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 (ELISA)
Performed:	Sun-Sat
Reported:	1-3 days
Note:	
CPT Codes:	86747 x2
New York DOH Approval Status:	This test is New York DOH approved.

Interpretive Data:		
Component	Results	Interpretation
Parvovirus B19 Antibody, IgG	0.90 IV or less 0.91- 1.09 IV 1.10 IV or greater	Negative:-- No significant level of detectable Parvovirus B19 IgG antibody. 0.91-1.09 IV:

Inserted Cells

<p>Parvovirus B19B-19 Antibody, IgM</p>	<p>0.89 IV or less 0.90-1.10 IV 1.11 IV or greater</p>	<p>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.</p> <p>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 recent infection. However, low levels of IgM antibodies may occasionally persist for more than 12 months post-infection.</p>
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Reference Interval:

Test Number	Components	Reference Interval
	Parvovirus B19 Antibody IgG	0.90 IV or less
	Parvovirus B19 Antibody IgM	0.89 0.90 IV or less



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

Effective Date: **August 19, 2024**

