

HOTLINE: Effective May 18, 2020

0065120

Parvovirus B19 Antibodies, IgG and IgM

PARVO

Specimen Required: 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.

Storage/Transport Temperature: Refrigerated.

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

Unacceptable Conditions: Contaminated, heat-inactivated, hemolyzed, **lipemic**, or icteric specimens.

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

Reference Interval:

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Test Number	Components	Reference Interval
0065121	Parvovirus B19 Antibody, IgG	<p>0.90 IV or less: Negative - No significant level of detectable Parvovirus B19 IgG antibody.</p> <p>0.91-1.09 IV: Equivocal - Repeat testing in 7-21 days may be helpful.</p> <p>1.10 IV or greater: Positive - IgG antibody to Parvovirus B19 detected, which may indicate a current or past infection.</p>
0065122	Parvovirus B 19 Antibody, IgM	<p>0.90 IV or less: Negative - No significant level of detectable Parvovirus B19 IgM antibody.</p> <p>0.91-1.09 IV: Equivocal - Repeat testing in 7-21 days may be helpful.</p> <p>1.10 IV or greater: Positive - IgM antibody to Parvovirus B19 detected, which may indicate a current or recent infection. However, low levels of IgM antibodies may occasionally persist for more than 12 months post-infection.</p>