Bordetella pertussis Antibodies, IgA, IgG, and IgM by ELISA with Reflex to Immunoblot
ARUP test code 2001775

B. pertussis Ab, IgG by ELISA

2.94 IV H (Ref Interval: <=1.04)

Bordetella pertussis Immunoblot to follow.

INTERPRETIVE INFORMATION: B. pertussis Ab, IgG

0.94 IV or less: Negative - No significant level of detectable B. pertussis IgG antibody.
0.95-1.04 IV: Equivocal - Repeat testing in 10-14 days may be helpful.
1.05 IV or greater: Positive - IgG antibody to B. pertussis detected, which may indicate a current or recent exposure/immunization to B. pertussis

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

B. pertussis Ab, IgM by ELISA

2.0 IV H (Ref Interval: <=1.1)

Bordetella pertussis Immunoblot to follow.

INTERPRETIVE INFORMATION: B. pertussis Ab, IgM w/Reflex

0.9 IV or less: Negative - No significant level of detectable B. pertussis IgM antibody.
1.0-1.1 IV: Equivocal - Repeat testing in 10-14 days may be helpful.
1.2 IV or greater: Positive - IgM antibody to B. pertussis detected, which may indicate a current or recent exposure/immunization to B. pertussis.

Recommend that treatment decisions be based on the result of the B. pertussis IgM immunoblot test instead of the ELISA test. B. pertussis IgM test by ELISA may produce false-positive results.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: aruplab.com/CS

B. pertussis Ab, IgA by ELISA

1.6 IV H (Ref Interval: <=1.1)

Bordetella pertussis Immunoblot to follow.

H=High, L=Low, *=Abnormal, C=Critical
**Bordetella pertussis Antibody, IgA by Immunoblot**

ARUP test code 2004316

**See Note** *(Ref Interval: Negative)*

Questionable presence of IgA antibodies to Bordetella FHA. Recommend retesting in 2-4 weeks. PT (Pertussis toxin) is specific to Bordetella pertussis. FHA (Filamentous hemagglutinin) is an antigen common to multiple species of Bordetella. PT (Pertussis toxin) is specific to Bordetella pertussis. FHA (Filamentous hemagglutinin) is an antigen common to multiple species of Bordetella.

**B. pertussis, IgA Immunoblot PT**  
Negative

**B. pertussis, IgA Immunoblot FHA**  
Equivocal

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**Bordetella pertussis Antibody, IgG by Immunoblot**

ARUP test code 2004327

**See Note** *(Ref Interval: Negative)*

IgG antibodies against Bordetella FHA and PT detected, suggestive of past vaccination and/or infection with Bordetella pertussis. PT100 (Pertussis toxin 100 IU/ml) detects high concentrations of pertussis toxin-specific antibodies associated with recent infections/vaccinations. PT (Pertussis toxin) is specific to Bordetella pertussis. FHA (Filamentous hemagglutinin) is an antigen common to multiple species of Bordetella.

**B. pertussis, IgG Immunoblot PT100**  
Negative

**B. pertussis, IgG Immunoblot PT**  
Positive

**B. pertussis, IgG Immunoblot FHA**  
Positive

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**H=High, L=Low, *=Abnormal, C=Critical**
Bordetella pertussis Antibody, IgM by Immunoblot

ARUP test code 2004326

B. pertussis Ab, IgM Immunoblot Interp  Negative  (Ref Interval: Negative)
No IgM antibodies against Bordetella FHA and PT detected.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

B. pertussis, IgM Immunoblot PT  Negative

B. pertussis, IgM Immunoblot FHA  Negative

VERIFIED/REPORTED DATES

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H=High, L=Low, *=Abnormal, C=Critical