

**TEST UPDATE/FILE
DEFINITION CHANGE
REFERRAL**

NOTIFICATION DATE: July 25, 2013

EFFECTIVE DATE: August 19, 2013

***BORDETELLA PERTUSSIS* ANTIBODIES, IGA, IGG AND IGM BY ELISA
WITH REFLEX TO IMMUNOBLOT**

Test ID: FBPTS

Secondary ID: 57290

NOTE: Effective with this change, all orders placed for this test must be submitted in the alpha-numeric character Test ID format instead of the numeric Secondary ID. Result codes may also be subject to change. Please review Test Set-Up and Conversion Mapping information at: <http://www.mayomedicallaboratories.com/test-notifications/index.html>

EXPLANATION OF CHANGE: Test ID FBPTS referred to ARUP Laboratories, will reflect the following updates effective August 19, 2013.

CURRENT REFERENCE VALUES:

B. pertussis Ab, IgA by ELISA ≤ 1.1 U/mL

B. pertussis Ab, IgG by ELISA ≤ 2.4 U/mL

B. pertussis Ab, IgM by ELISA ≤ 1.1 U/mL

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.

NEW REFERENCE VALUES:

B. pertussis Ab, IgA by ELISA ≤ 1.1 U/mL

B. pertussis Ab, IgG by ELISA 0.0-0.9 U/mL

B. pertussis Ab, IgM by ELISA ≤ 1.1 U/mL

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.

CURRENT TESTING ALGORITHM:

If *Bordetella pertussis* Antibody, IgA by ELISA is 1.2 U/mL or greater, then *B. pertussis* Ab, IgA Immunoblot testing will be performed at an additional charge.

If *Bordetella pertussis* Antibody, IgG by ELISA is 2.5 U/mL or greater, then *B. pertussis* Ab, IgG Immunoblot testing will be performed at an additional charge.

If *Bordetella pertussis* Antibody, IgM by ELISA is 1.2 U/mL or greater, then *B. pertussis* Ab, IgM Immunoblot testing will be performed at an additional charge.

NEW TESTING ALGORITHM:

If *Bordetella pertussis* Antibody, IgA by ELISA is 1.2 U/mL or greater, then *B. pertussis* Ab, IgA Immunoblot testing will be performed at an additional charge.

If *Bordetella pertussis* Antibody, IgG by ELISA is 1.0 U/mL or greater, then *B. pertussis* Ab, IgG Immunoblot testing will be performed at an additional charge.

If *Bordetella pertussis* Antibody, IgM by ELISA is 1.2 U/mL or greater, then *B. pertussis* Ab, IgM Immunoblot testing will be performed at an additional charge.

QUESTIONS: Contact Mary Erath, MML Laboratory Technologist Resource Coordinator
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