MAYO CLINIC
Mayo Medical Laboratories

Test Definition: FBPTS

Bordetella pertussis Antibodies, IgA, IgG & IgM by ELISA with Reflex to Immunoblot

Reporting Title: B. pertussis Abs IgG, M, A w/Reflex
Performing Location: ARUP Laboratories, Interface

Specimen Requirements:

Collect one 4 mL serum gel tube. Separate serum from cells immediately.
Submit 1 mL serum. Ship refrigerate.

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	14 days
	Ambient	48 hours
	Frozen	365 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z2617	B. pertussis Ab, IgG	Alphanumeric		
Z2618	B. pertussis Ab, IgM	Alphanumeric		
Z2616	B. pertussis Ab, IgA	Alphanumeric		

CPT Code: 3 × 86615

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
FBPAI	B. pertussis Ab, IgA Immunoblot	1	86615	No	No
FBPGI	B. pertussis Ab, IgG Immunoblot	1	86615	No	No
FMPMI	B. pertussis Ab, IgM Immunoblot	1	86615	No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
FBPAI	Z2619	B. pertussis Ab, IgA Immunoblot	Alphanumeric		
FBPGI	Z2620	B. pertussis Ab, IgG Immunoblot	Alphanumeric		
FMPMI	Z2621	B. pertussis Ab, IgM Immunoblot	Alphanumeric		

Reference Values:

Bordetella pertussis Antibody, IgA by ELISA <=1.1 U/mL
Bordetella pertussis Antibody, IgG by ELISA <= 2.4 U/mL
Bordetella pertussis Antibody, 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.

Test Performed By: ARUP Laboratories
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Salt Lake City, UT 84108