MAYO CLINIC
Mayo Medical Laboratories

Test Definition: FBPTS

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

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

Specimen Requirements:

Draw blood in a plain, red-top tube(s). (Serum gel tube is acceptable.) Send 1 mL of serum refrigerate in a plastic vial.

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z2617	B. pertussis Ab, IgG	Alphanumeric		42330-1
Z2618	B. pertussis Ab, IgM	Alphanumeric		42329-3
Z2616	B. pertussis Ab, IgA	Alphanumeric		42328-5

CPT Code: 3 × 86615

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
FBAAI	B. pertussis Ab, IgA Immunoblot	1	86615	No	No
FBAGI	B. pertussis Ab, IgG Immunoblot	1	86615	No	No
FBAMI	B. pertussis Ab, IgM Immunoblot	1	86615	No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
FBAAI	Z3199	B. pertussis Ab, IgA Immuno Interp	Alphanumeric		In Process

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
FBAAI	Z3200	B. pertussis, IgA Immunoblot PT	Alphanumeric		In Process
FBAAI	Z3201	B. pertussis, IgA Immunoblot FHA	Alphanumeric		In Process
FBAGI	Z3202	B. pertussis Ab, IgG Immuno Interp	Alphanumeric		In Process
FBAGI	Z3203	B. pertussis, IgG Immunoblot PT100	Alphanumeric		In Process
FBAGI	Z3204	B. pertussis, IgG Immunoblot PT	Alphanumeric		In Process
FBAGI	Z3205	B. pertussis, IgG Immunoblot FHA	Alphanumeric		In Process
FBAMI	Z3206	B. pertussis Ab, IgM Immuno Interp	Alphanumeric		In Process
FBAMI	Z3207	B. pertussis, IgM Immunoblot PT	Alphanumeric		In Process
FBAMI	Z3208	B. pertussis, IgM Immunoblot FHA	Alphanumeric		In Process

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.

Test Performed By: ARUP Laboratories
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