

Group B Strep (GBS) Testing

The Centers for Disease Control and Prevention stated "Antimicrobial susceptibility testing of GBS isolates is crucial for appropriate antibiotic prophylaxis selection for penicillin-allergic women who are at high risk for anaphylaxis...because resistance to clindamycin is increasing among GBS isolates" ¹



Test 127: Group B Streptococcus (GBS) by Real-Time PCR

Test 137: Group B Streptococcus (GBS) Antibiotic Resistance by PCR** (#127 Req.)

For use in patients that are penicillin-allergic when clindamycin/erythromycin resistance determination is required for alternate treatment

Advantages:

- Superior diagnostic sensitivity and specificity
- Specimen viability up to 5 days after collection
- Test additions available up to 30 days after collection
- No refrigeration required before or after collection
- Blood and excess mucus will not affect result
- Additional copy of result reports sent to Labor & Delivery Unit
- Clindamycin/erythromycin resistance testing for penicillin-allergic patients
- Selective broth enrichment for pregnant patients
- Secure, online result access 24 hours/7 days a week
- **GBS hotline access 24 hours/7 days a week at toll free:**

877.MDL.GBSS (635.4277)

¹ CDC, 2010. Prevention of perinatal Group B Streptococcal disease: revised guidelines from CDC, 2010. *MMWR Recomm Rep* 59(RR-10):1-36.

** This test can only be performed when the test in parenthesis is positive. All tests performed will be billed.



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IH0123 Upd: 9/2023





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Final

MDL#: 8875032

Test Results

Patient Information: SSN: N/A DOE, JANE 123 MAIN ROAD MARLTON, NJ 08053 Sex: Female Home: (856) 555-5555	DOB: 1/1/1978 (Age:43)	Ordering Physician/Lab: DOE WOMANS GROUP JOHN DOE, MD 555 SMITH STREET ANYTOWN, NJ 55555 Tel: (856) 555-5552 Fax: (856) 555-5553	NPI: 1234567890
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Patient ID: _____ Date Received: 8/29/2023 Date Reported: 9/1/2023

Test	Specimen	Date Collected	Results		Reference/Units/Comments
			Normal	Abnormal	
Group B Streptococcus (GBS) by Real-Time PCR 127 Verified 8/30/2023	Swab - 1	8/28/2023		Positive	
Group B Streptococcus (GBS) Antibiotic Resistance by PCR 137 Verified 8/31/2023	Swab - 1	8/28/2023		Positive	Erythromycin Resistant, Clindamycin Sensitive

*This test was developed and its performance characteristics determined by the laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary.

A positive result is provided for bacteria, virus, parasites, and/or fungal species when PCR amplification (real-time PCR), sequence information (Pyrosequencing), and/or sequencing analysis occurs above cut-off levels established by the laboratory. Pertinent reference intervals for the tests reported above are available from the laboratory upon request.

View: M

Mail:	Yes	USPS
	None	Yes

Fax:	Yes	Manual
	None	No

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