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MAYO CLINIC LABORATORIES

Test Definition: FNMEN

Neisseria Meningitidis IgG Vaccine Response

Overview

Method Name
Multi-Analyte Immunodetection (MAID)

NY State Available
Yes

Specimen

Specimen Type
Serum

Specimen Required
Container/Tube:
Preferred: Red top tube
Acceptable: Serum gel tube
Specimen Volume: 0.5 mL
Collection Instructions: Draw blood in a plain red-top tube(s), serum gel tube(s) is acceptable. Spin down and send 0.5 mL of serum refrigerated in a plastic vial.

Note: Serum gel tube is acceptable, but must pour off into a plastic vial.

Specimen Minimum Volume
0.3 mL

Reject Due To

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	14 days	
	Ambient	7 days	
	Frozen	30 days	

Clinical & Interpretive

Reference Values
Reference Ranges (pre-vaccination):

Serogroup A	<4.0 ug/mL
Serogroup C	<5.0 ug/mL
Serogroup Y	<4.0 ug/mL
Serogroup W-135	<3.0 ug/mL

This assay measures serum IgG antibodies recognizing polysaccharide antigens from the four Neisseria meningitidis serogroups included in the licensed meningococcal vaccine. The meningococcal vaccine response is best evaluated by testing pre-vaccination and post-vaccination samples in parallel. A two-fold or greater increase for at least two sero-groups is expected when comparing post-vaccination to pre-vaccination results. N. meningitidis IgG levels peak approximately one month post-vaccination, but decline markedly by two years.

Performance

PDF Report
No

Day(s) Performed
Tuesday

Report Available
3 to 11 days

Performing Laboratory Location
Quest Diagnostics

Fees & Codes

Fees
- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

Test Classification
This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is use for clinical purposes.

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Neisseria Meningitidis IgG Vaccine Response

CPT Code Information

86317/x4

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FNMEN	N. meningitidis IgG Vacc Response	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z0726	Serogroup A	42986-0
Z0532	Serogroup C	42985-2
Z0533	Serogroup Y	39618-4
Z0534	Serogroup W-135	39610-1