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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## 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 |