

Overview
Method Name

Quantitative Enzyme-Linked Immunosorbent Assay

NY State Available

Yes

Specimen
Specimen Type

Serum

Specimen Required
Container/Tube:
Preferred: Serum gel

Acceptable: Red top

Specimen Volume: 1 mL

Collection Instructions: Draw blood in serum gel tube (s). Plain red-top tube(s) is acceptable. Spin down and send 1 mL of serum frozen in a plastic vial.

Note: Separate specimens must be submitted when multiple tests are ordered.

Specimen Minimum Volume

0.5 mL

Reject Due To

| | |
|------------|--|
| Hemolysis: | Mild OK; Gross reject |
| Thawing: | Warm reject; Cold OK |
| Lipemia: | NA |
| Icterus: | NA |
| Other: | Specimen collected in EDTA or citrate. Contaminated or heat-inactivated specimens. |

Specimen Stability Information

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

Clinical and Interpretive

Clinical Information

Mannose-binding protein is a component of the innate or natural immune system which binds to mannose residues on a variety of different microorganisms. When bound, this lectin will trigger the complement pathway resulting in opsonization. Mannose-binding protein is also an acute phase reactant produced by the liver. Patients who have abnormal levels of mannose-binding protein may have recurrent significant infections in the absence of abnormalities in the four major arms of the immune system. Abnormal mannose-binding protein concentrations have been found in patients with infectious disorders such as tuberculosis, hepatitis B, and in autoimmune disorders including recurrent spontaneous abortion and systemic lupus erythematosus.

Reference Values

Reference Interval: ≥ 50 ng/mL

Performance

PDF Report

No

Day(s) and Time(s) Test Performed

Tuesday

Analytic Time

1 - 8 days

Maximum Laboratory Time

3 - 12 days

Performing Laboratory Location

ARUP Laboratories

Fees and 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 Regional Manager. For assistance, contact [Customer Service](#).

CPT Code Information

83520

LOINC® Information

| Test ID | Test Order Name | Order LOINC Value |
|---------|------------------------|-------------------|
| FMANO | Mannose Binding Lectin | 30152-3 |

| Result ID | Test Result Name | Result LOINC Value |
|-----------|------------------------|--------------------|
| FMANO | Mannose Binding Lectin | 30152-3 |