



## Test Definition: B2GMG

Beta-2 Glycoprotein 1 Antibodies, IgG and IgM,  
Serum

**Reporting Title:** Beta 2 GP1 Ab, IgM/IgG, S

**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive

### Additional Testing Requirements:

Diagnostic criteria for antiphospholipid syndrome include the presence of at least one of the following: lupus anticoagulant, anticardiolipin, and anti-beta-2 glycoprotein 1 IgG or IgM antibodies. Consider ordering CLPMG / Phospholipid (Cardiolipin) Antibodies, IgG and IgM, Serum and ALUPP / Lupus Anticoagulant Profile, Plasma concurrently with this test.

### Specimen Requirements:

**Collection Container/Tube:**

**Preferred:** Serum gel

**Acceptable:** Red top

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 0.5 mL

**Collection Instructions:** Centrifuge and aliquot serum into a plastic vial.

### Forms:

If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

[-General Request \(T239\)](#)

[-Coagulation Test Request \(T753\)](#)

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	21 days	
	Frozen	21 days	

### Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
GB2GP	Beta 2 GP1 Ab IgG, S	Numeric	SGU	44448-9
MB2GP	Beta 2 GP1 Ab IgM, S	Numeric	SMU	44449-7

LOINC® and CPT codes are provided by the performing laboratory.

### Supplemental Report:

No

### Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
GB2GP	Beta 2 GP1 Ab IgG, S	1	86146	Yes	Yes
MB2GP	Beta 2 GP1 Ab IgM, S	1	86146	Yes	Yes

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**CPT Code Information:**

86146 x 2

**Reference Values:**

BETA 2 GLYCOPROTEIN 1 (GP1) ANTIBODIES IgG:

&lt;15.0 SGU (negative)

15.0-39.9 SGU (weakly positive)

40.0-79.9 SGU (positive)

&gt; or = 80.0 SGU (strongly positive)

Results are reported in standard IgG anti-beta 2 GP1 units (SGU).

Reference values apply to all ages.

BETA 2 GLYCOPROTEIN 1 ANTIBODIES IgM:

&lt;15.0 SMU (negative)

15.0-39.9 SMU (weakly positive)

40.0-79.9 SMU (positive)

&gt; or = 80.0 SMU (strongly positive)

Results are reported in standard IgM anti-beta 2 GP1 units (SMU).

Reference values apply to all ages.