

NEW TEST

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Anti-Beta-2 Glycoprotein 1 Domain 1, IgG

3020918, B2GP1-D1

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube (SST) or citrated plasma

Specimen Preparation: Separate serum or plasma from cells as soon as possible or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP standard transport tube. (Min: 0.3 mL)

Transport Temperature: Refrigerated (2-8 degrees C).

Unacceptable Conditions: Contaminated, heat-inactivated, clots, fibrin, gross red blood cells, severely lipemic, severely hemolyzed, or severely icteric specimens.

Remarks:

Stability: After separation from cells:
Room temperature: 48 hours
Refrigerated: 2 weeks
Frozen: 30 days (avoid repeated freeze-thaw cycles, but up to 3 freeze-thaw cycles is acceptable)

Methodology: Semi-Quantitative Chemiluminescent Immunoassay (CLIA)

Note:

CPT Codes: 86146

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

IgG autoantibodies to the domain-1 of the beta-2 glycoprotein protein (anti-B2GP1-D1) are a subset of anti-B2GP1 antibodies that have been linked to thrombotic and/or obstetric complications in individuals with antiphospholipid syndrome (APS). Anti-B2GP1-D1 antibodies have been found to be of high specificity for APS diagnosis. Note that anti-B2GP1-D1 are not included in the ACR/EULAR APS classification criteria.

Reference Interval:

Test Number	Components	Reference Interval
	B2Glycoprotein 1 Domain 1, IgG Antibody	0.0-19.9 CU: Negative

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.

