



UNC
HEALTH CARE

MEMORANDU #27

TO: UNC Hospitals Attending Physicians, Housestaff, Department Heads, Nursing staff and Supervisors

FROM: ~~ML~~ Marian Rollins-Raval, M.D., MPH, Director, Special Coagulation Laboratory
~~HC~~ Herbert C. Whinna, M.D., Ph.D., Medical Director, McLendon Clinical Laboratories

DATE: July 31, 2015

SUBJECT: Beta-2 Glycoprotein 1 Antibody Testing

The Special Coagulation Laboratory announces the introduction of in-house testing for Beta-2 Glycoprotein 1 IgG and IgM Antibodies using an enzyme linked immunoassay. Samples for this testing have been previously sent to Mayo Medical Laboratories.

Clinical Significance: Persistently increased titers of beta-2 glycoprotein 1 antibodies are associated with anti-phospholipid antibody syndrome (APS). APS is diagnosed with persistence of the laboratory criteria, which includes beta-2 glycoprotein 1 antibodies, together with the appropriate clinical features, either thrombosis or pregnancy complications. These antibodies are also found with increased frequency in patients with autoimmune disease, especially systemic lupus erythematosus and rheumatoid arthritis.

Ordering Information: Test ID—B2GP CPT Code—86146x2

Specimen Requirements: 3mL blood/light blue top tube; deliver immediately

Availability: 2 runs/week; Tuesday and Friday

Reference Range: Normal: IgG<20GPL; IgM<20MPL

For questions or more information regarding this test, please contact Dr. Rollins-Raval at 984-974-8320.