

# SAINT FRANCIS HEALTH SYSTEM LABORATORY SERVICES MEMORANDUM

**DATE:** February 14, 2008

**TO:** SFH Physicians and Staff

**FROM:** Virginia Burdine, M.D., Ph.D.  
SFH Hematology/Coagulation Laboratory Medical Director

**SUBJECT:** TEG Platelet Mapping Now Available

Platelet mapping is a new test available at SFH that will quantitatively evaluate platelet inhibition due to Plavix or aspirin therapy. Results will be reported as % platelet inhibition and net clot strength, with an interpretive comment regarding the patient's drug response and potential for bleeding or thrombosis.

This test should replace platelet function analysis (PFA) for evaluation of platelet function in patients with a known history of platelet-inhibiting drugs, and can be used to document recovery of platelet function following platelet transfusion or discontinuation of the medication.

The test requires both a blue top (sodium citrate) and dark green (sodium heparin) tube. Please contact the coagulation laboratory (494-6566) to coordinate collection and transportation of the specimen. Specimens must be hand-carried to the laboratory to avoid excessive platelet activation.

For more information, contact Virginia Burdine, M.D., Ph.D., Coagulation Laboratory Medical Director at 494-1420, or Wes Huber, Hematology Supervisor at 494-6537.