MAYO CLINIC
Mayo Medical Laboratories

SPECIMEN REMINDER
NOTIFICATION DATE: January 19, 2012
EFFECTIVE DATE: Immediately

PROTOPORPHYRINS, FRACTIONATION, WASHED ERYTHROCYTES
Test ID: PPFWE
Secondary ID: 31891

EXPLANATION: Testing for PPFWE, #31891, requires that the volume of packed cells and total volume of the erythrocyte suspension be provided with the specimen. Effective immediately, if unable to provide this information, testing for the PPFWE, #31891, will be cancelled.

SPECIMEN REQUIREMENTS:

Collection Container/Tube:
Preferred: Green top (sodium heparin)
Acceptable: Metal free, lavender top (EDTA), Green top (lithium heparin)
Submission Container/Tube: Plastic vial
Specimen Volume: Washed erythrocyte suspension
Collection Instructions:
1. Patient should abstain from alcohol for 24 hours.
2. Collect and process entire specimen as follows:
a. Immediately place specimen on wet ice.
b. Transfer entire specimen to a 12-mL graduated centrifuge tube.
c. Centrifuge specimen for 10 minutes at 2,000 rpm.
d. Record volume of packed cells and the total volume of the specimen.
e. Discard supernatant plasma.
f. Wash packed erythrocytes 2 times by resuspension of at least an equal amount of cold 0.9% saline, mix, and centrifuge for 5 minutes at 2,000 rpm, discarding supernatant after each washing.
g. Resuspend packed cells to the original total volume with 0.9% saline. Invert specimen gently to mix.
Additional Information:
1. Volume of packed cells and total volume of erythrocyte suspension (red cells + saline) are required and must be sent with the specimen.
2. Include a list of medications the patient is currently taking.
Forms: New York Clients-Informed consent is required. Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Leah Saint-Fort, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710