

**PORPHOBILINOGEN (PBG) DEAMINASE,  
WASHED ERYTHROCYTES**  
Test ID: PBGDW  
Secondary ID: 31894

**EXPLANATION:** Testing for PBGDW, #31894, 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 PBGDW, #31894, will be cancelled.

**SPECIMEN REQUIREMENTS:****Collection Container/Tube:**

**Preferred:** Green top (sodium heparin)

**Acceptable:** 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.

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