

New Collection Methods: Timed Urine & PD Fluid Chemistry

We recommend the Vacuette® Urine Collection Cup with Integrated Transfer Device for Timed Urine and the BD Vacutainer Eclipse® Collection Needle with Tube Holder for PD Fluid Chemistry tests. Using these devices takes advantage of vacuum pressure to automatically fill specimen containers and avoids removal of the tube stopper reducing leakage during transport. In addition, it streamlines collection and makes it safer and more convenient for your staff.

Timed Urine Collection

1. Weigh urine to the nearest gram (1g of urine is equal to 1mL). Record the total urine volume of the 24-hr collection.
2. Prior to aliquoting the urine, gently SWIRL the container to ensure the contents are well mixed.
3. Twist off the cap of the individually wrapped sterile vacutainer Collection Cup (yellow cap).
4. Pour an aliquot of the mixed urine into the Collection Cup.
5. Close the cap tightly. Peel back protective sticker on the Collection Cup's lid to expose the rubber-covered cannula inside the vacutainer port.
6. To fill, push the stopper of the Black Top Tube into the vacutainer port. This will pierce the stopper and allow the tube to automatically fill.
7. Allow the tube to fill until flow ceases.
8. Remove the tube and gently invert 5 times. Do NOT centrifuge.
9. Use the barcode label with patient's name and ID to identify the specimen.
10. Refrigerate at 2° - 8°C.
11. Discard the Collection Cup. (**Note:** Before discarding the remaining specimen, be sure the urine collection dates and times, and the total urine volume, have been recorded at the facility and entered into LabCheck under Draw Information Entry, where applicable, in case the information is required.)



PD Fluid Chemistry

1. Assemble Eclipse device. Remove needle cover and insert into the fluid.
2. To fill, push the stopper of the Black Top Tube into the vacutainer port. This will pierce the stopper and allow the tube to automatically fill.
3. Allow tube to fill until flow ceases.
4. Remove the tube and gently invert 5 times. Do NOT centrifuge.
5. Use the barcode label with patient's name and ID to identify the specimen.
6. Refrigerate at 2° - 8°C.
7. To avoid needle sticks, cover and lock the needle by pushing the pink safety shield forward immediately after drawing the specimen.

To Assemble the BD Vacutainer Eclipse™ Remove clear protective cover of the collection needle to expose rubber-covered cannula.



Insert cannula into vacutainer port of tube holder and twist to tighten.



For questions about this, or any other tests, contact **Client Services 800.800.5655, option 1.**