

ROTEM Specimen Transport - UPDATE

Use foam padding insert to transport using Pneumatic Tube System

Rotational Thromboelastometry, otherwise known as ROTEM, is a laboratory test that rapidly assesses a patient's blood clotting ability by analyzing the viscoelastic properties of forming a blood clot, which may lead to important, life-saving information to assist with blood transfusion.

The laboratory has now validated the pneumatic tube system (PTS) for specimen delivery when using additional cushion with foam padding.

ROTEM TESTING LABORATORIES

Critical Care Laboratory	Room S326 UH Rhodes	PTS # 230, 330, 602
East Rapid Response Laboratory	Room 320 East	

PROPER TRANSPORTATION

- **Pneumatic Tube System: ROTEM samples MUST be wrapped in foam to transport via the Pneumatic Tube System** (using the **SEND NORMAL** function).
- **Alternative - ROTEM samples can be transported by hand – walked to the laboratory.**
- If the specimens are sent in the pneumatic tube system, without the foam insert, the specimens **MUST** be redrawn
 - *The rapid movement and air changes of the PTS can create stress that can activate or destroy platelets. The increased pressure and forces can cause hemolysis and inaccurate results*

DIRECTIONS

1. Collect **one properly filled blue top** sodium citrate tubes. Place in biohazard bag.
2. **Call the laboratory** to obtain foam padding insert.
3. Wrap the light blue top tubes in the **foam padding insert**, and **secure with a rubber band**.
4. Place tubes **wrapped in foam** in the tube carrier, secure latches, and send immediately to the Critical Care Laboratory / Rapid Response Laboratory. Use **SEND NORMAL** Function. Do NOT send additional specimens in the same carrier.

University Hospital/James – call 614-293-1920
East Hospital – call 614-257-3999

