

Tube Type Collected

Factors and Their Possible Consequences:

Tube type may result in hemolysis due to chemical or physical actions, especially in some physiopathological situations.

Corrective Actions:

- Based upon the condition of the patient's vein, select a tube with the appropriate amount of vacuum.
- Partial draw tubes may help to reduce hemolysis.

References:

1. The relationship between vacuum and hemolysis during catheter blood collection: A retrospective analysis of six large cohorts. Mrazek C, Simundic AM, Wiedemann H, Krahmer F, et al. Clin Chem Lab Med 2017;aop.
2. Impact of use of smaller volume, smaller vacuum blood collection tubes on hemolysis in Emergency Department blood samples. Phelan M, Reineks E, Berriochoa J, Schold J, et al. Am J Clin Pathol 2017;148:330-335.