

Dabigatran, Ecarin, Plasma

Test ID: DABIE

Useful for:

Measuring dabigatran concentration in plasma

This assay is not useful for measurement of other direct thrombin inhibitors (e.g., argatroban or bivalirudin)

Methods:

Chromogenic Assay

Reference Values:

<20 ng/mL

Specimen Requirements:

Specimen Type: Platelet-poor plasma

Collection Container/Tube: Light-blue top (3.2% sodium citrate)

Submission Container/Tube: Plastic vial

Specimen Volume: 1.0 mL

Collection Instructions:

1. Specimen should be drawn 1 to 3 hours (peak) after a dose or just prior (trough) to the next dose for dabigatran concentrations.
2. For complete instructions, See Coagulation Guidelines for Specimen Handling and Processing in Special Instructions.
3. Centrifuge, transfer all plasma into a plastic vial, and centrifuge plasma again.
4. Aliquot plasma into a plastic vial leaving 0.25 mL in the bottom of centrifuged vial.
5. Freeze plasma immediately (no longer than 4 hours after collection) at -20 degrees C or, ideally, < or = -40 degrees C.

Minimum Volume: 0.5 mL

Additional Information:

1. Double-centrifuged specimen is critical for accurate results as platelet contamination may cause spurious results.
2. Each coagulation assay requested should have its own vial.

Specimen Stability Information:

Specimen Type	Temperature	Time
Plasma Na Cit	Frozen	42 days

Cautions:

Dabigatran concentration may be affected by drug interactions as well as liver and renal disease. Marked presence of lipemia or bilirubin in the sample could falsely decrease dabigatran levels.

CPT Code:

80299

Day(s) Setup: Monday through Friday, Varies **Analytic Time:** 1 day

Questions

Contact Bonnie Meyers, Laboratory Technologist Resource Coordinator at 800-533-1710.