

Reporting Title: Bivalirudin, Ecarin, P**Performing Location:** Rochester**Ordering Guidance:**

This test is not indicated for monitoring low molecular weight heparin, unfractionated heparin, or oral direct anti-Xa inhibitors (eg, apixaban, rivaroxaban). For monitoring oral direct anti-Xa inhibitors, see APIXA / Apixaban, Anti-Xa, Plasma or RIVAR / Rivaroxaban, Anti-Xa, Plasma.

Specimen Requirements:

Supplies: Sarstedt Aliquot Tube, 5 mL (T914)

Specimen Type: Platelet-poor plasma

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

Submission Container/Tube: Plastic vial (polypropylene preferred)

Specimen Volume: 1 mL

Collection Instructions:

1. Specimen should be collected 2 hours after initiation of continuous infusion of bivalirudin.
2. For complete instructions, see Coagulation Guidelines for Specimen Handling and Processing.
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, below -40 degrees C.

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 Minimum Volume:

0.5 mL

Forms:

If not ordering electronically, complete, print, and send a Coagulation Test Request (T753) with the specimen.

Specimen Type	Temperature	Time	Special Container
Plasma Na Cit	Frozen	42 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
BIVA1	Bivalirudin, Ecarin, P	Numeric	mcg/mL	In Process
BIVA2	Interpretation	Alphanumeric		69049-5
BIVA3	Cautions	Alphanumeric		62364-5

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

80299

Reference Values:

<0.10 mcg/mL