

TEST CHANGE

Rivaroxaban Level

3004094, RIVAROX

Specimen Requirements:

Patient Preparation:

Collect: Lt. blue (sodium citrate). [Special Collection and Refer to Specimen Handling Hemostasis/Thrombosis Specimens guide located at https://aruplab.com/Specimen-Handling/SpecialSpecimenCollection/Hemostasis-Thrombosis.pdf for hemostasis/thrombosis specimen handling guidelines.](https://aruplab.com/Specimen-Handling/SpecialSpecimenCollection/Hemostasis-Thrombosis.pdf)

Specimen Preparation: Transport 2 mL platelet-poor plasma. (Min: 1 mL)

Transport Temperature: CRITICAL FROZEN. Separate specimens must be submitted when additional tests are ordered

Unacceptable Conditions: Serum. EDTA, oxalate, heparin, or plasma separator tubes, hemolyzed specimens.

Remarks: This test cannot be used to quantitate anticoagulants other than [rivaroxaban \(Xarelto\)](#). ~~Rivaroxaban~~. This includes but is not limited to [unfractionated heparin, low molecular weight heparin, apixaban](#) ~~Unfractionated Heparin, Low Molecular Weight Heparin, Apixaban~~ (Eliquis), ~~e~~Edoxaban (Savaysa), and ~~f~~Fondaparinux (Arixtra).

Stability: After separation from cells: Ambient: 4 hours; Refrigerated: Unacceptable; Frozen: 1 month ~~New York State Clients: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 42 days~~

Methodology: Chromogenic Assay

Performed: Tue

Reported: 1-8 days

Note:

CPT Codes: 80299

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

When 20 mg rivaroxaban was administered daily for treatment of DVT and PE, rivaroxaban steady state levels were as follows:

Peak: 189-419 ng/mL

Trough: 6-87 ng/mL

The lower limit of detection for this assay is 25 ng/mL.

For additional information, please refer to www.arupconsult.com

~~This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.~~

Reference Interval:

Not established