

# TEST UPDATE

## Thromboelastography (TEG) and Platelet Mapping Pathology Interpretation Update UVMHC

Effective February 14, 2024, the Pathology interpretation will **no longer be automatically included** with TEG and platelet mapping results. These tests have been modified to include the option to order a **“Pathology Interpretation”** as indicated by the red box in the screenshot below. This will default to “No” but can easily be toggled to “Yes” at the time of placing the order. Additionally, a provider can always call the laboratory and request a pathologist interpretation for any case, even if the “No” button was previously selected.

Updated Orderables	Epic Code
Thromboelastograph (TEG)	LAB3560
Platelet Mapping for Plavix (ADP)	LAB3324
Platelet Mapping for Aspirin	LAB3323
Platelet Mapping for Aspirin & Plavix (ADP)	LAB3322

The screenshot shows the Epic EMR interface for a Thromboelastograph (TEG) order. The form includes fields for Priority (Routine), Frequency (ONE TIME), At (2/1/2024), Specimen Type (Blood), Specimen Source (Blood, Venous), Dx association (Associate diagnoses), and Patient's Operative Status (PreOP, Intra, PostOp, NonOperative). A red box highlights the 'Pathologist Interpretation Needed?' field, which has 'Yes' and 'No' buttons. The 'No' button is currently selected. Other fields include Priority for Discharge (Yes), Results Release to Patient (Immediate via MyChart Portal), Submitter, Comments (+ Add Comments), Process Instructions (This TEG assay is not sensitive to anti-platelet medication such as Aspirin or Plavix.), Reference Links (Special Test Considerations), Add-on (No add-on specimen found), and CC Results (+ My List, + PCP, + Other). The bottom of the form has a 'Next Required' button and a 'Link Order' button.

### PATHOLOGY & LABORATORY MEDICINE

111 Colchester Avenue | Mail Stop: 233MP1 | Burlington, Vermont 05401

### PHONE LABORATORY CUSTOMER SERVICE

(802) 847-5121 | (800) 991-2799

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In 2012 and 2013, we introduced viscoelastic testing via the TEG and platelet mapping assays, respectively, and Pathology provided written interpretations as the testing was new to our institution. Over the years, Pathology has continued to provide written interpretations. However, the availability of TEG Manager allows real-time viewing of the tracings and immediate assessment by the providers, and thus, pathology interpretations are no longer required in a majority of cases. We also recognize that in most cases, the timing of the pathology interpretation is after the point at which the TEG and platelet mapping results are no longer relevant to the acute situation for the patient.

For questions or concerns regarding this update, please call UVMMMC's Thrombosis and Hemostasis Laboratory at (802) 847-3567.

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