Lab Dept: Coagulation

Test Name: TEG

General Information

Lab Order Codes: TEG1

Synonyms: Thromboelastrograph without heparinase; TEG without heparinase

CPT Codes:
- 85576 – Platelet aggregation, each agent
- 85347 – Coagulation time, activated
- 85384 – Fibrinogen; activity
- 85390 – Fibrinolysins or coagulopathy screen, interpretation and report


Logistics

Test Indications: Assess hemorrhagic or thrombic risk by measuring rate of clot formation, strength and stability of clot; the effect of platelets, coagulation factors and cellular interactions.

Lab Testing Section: Coagulation

Phone Numbers:
- MIN Lab: 612-813-6280
- STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 hour

Special Instructions: Deliver immediately to the laboratory. Specimens MUST be walked to the laboratory and cannot be delivered via pneumatic tube. Must arrive in lab within 1 hour of collection. Indicate when specimen is drawn from a line or a heparin lock.

Specimen

Specimen Type: Whole blood

Container: Light Blue top (Buffered Na Citrate 3.2%) tube

Draw Volume:
- 2.7 mL blood (in 3 mL tube)
- Minimum: 1.8 mL blood in a 2 mL tube
Processed Volume: Same as Draw Volume

Collection: A clean venipuncture or line draw is essential. Mix specimen thoroughly by gentle inversion.

Patient's with a hematocrit level >55% must have a special tube made to adjust for the hematocrit; contact laboratory for special tube.

Indicate when specimen is drawn from a line or heparin lock.

Specimens must be hand delivered to the laboratory. No pneumatic tubing of TEG specimens.

Special Processing: Lab Staff: Do Not centrifuge. Do Not freeze. Deliver to TEG workstation for immediate testing.

Patient Preparation: None

Sample Rejection: Improper tube; clotted sample; underfilled tubes; overfilled tubes; mislabeled or unlabeled specimens

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Critical Values: N/A

Limitations: Use of the pneumatic tube can alter patient TEG result values.

Methodology: TEG Viscoelastic Clot Assessment

References: Haemonetics (2014)