



Patient Label

Thromboelastography (TEG) and Platelet Mapping Order Form
(Revised SEP 2024)

Patient Location _____ Date Drawn _____ Time Drawn (exact) _____

Instructions

- **TEG availability: Monday - Friday 8 am – 9:30 pm, weekends 8 am – 3:30 pm**
- **Platelet mapping availability: Monday - Friday only 9 am – 1 pm**
- **For TEG only**, please call the lab #8745, 30 minutes before sending the sample (instrument calibration).
- **For TEG with PLT mapping**, please call the lab #8745 to schedule in advance.
- Please page the Transfusion Medicine Physician (53743) for platelet mapping studies at other times.
- WALK the specimen to the lab and hand directly to the technician. Do NOT use the pneumatic tube system.
- Do NOT place specimen on ICE. Do NOT place it in any container in the lab.
- **Rejection: wrong tube type, improperly filled, insufficient sample, clotted sample, mislabeled sample, sample sent via pneumatic tube, sample sent on ice, sample older than 2 hours**

Orders (see table on next page for guidance)

- ☐ **Standard TEG:** Sample: One 3 mL Light Blue Top Tube
Note: Testing is to evaluate coagulation status while on heparin or not on heparin. For patients on ECMO it is suggested that both standard TEG and Hep TEG be ordered to evaluate the relative effect of heparin.
- ☐ **Hep TEG:** Sample: One 3 mL Light Blue Top Tube
Note: Testing is to evaluate underlying coagulation status in patients on heparin. This test includes removing up to 6 IU/mL heparin prior to testing.
If sending TEG and hep TEG, 1 blue top tube is sufficient.
- ☐ **Platelet Mapping, TEG:** Sample: 3 mL Light Blue and 3 mL Green, Li Heparin (NO GEL)
Note: Testing includes standard TEG (separate standard TEG sample not needed)
- ☐ **Hep Platelet Mapping, TEG:** Sample: 3 mL Light Blue and 3 mL Green, Li Heparin (NO GEL)
Note: Testing includes Hep TEG.
If standard TEG is needed, it must be ordered separately but additional sample is not needed.

Phlebotomy Notes: Sample drawn in blue top citrated tube, filled to the line, and gently inverted to prevent clotting. Sample should be transported to hematology lab within 2 hours of collection.

- ☐ Arterial Sample (use double stop-cock technique and draw 10 cc waste drawn prior to sample draw)
- ☐ Venous Sample (CVL: use double stop-cock technique and draw 10 cc waste. Venipuncture: use 21 gauge or larger and draw 3 cc waste. Fill blue top tube first, and then green top tube.)

Patient Notes

- ☐ Berlin Heart or VAD (order platelet mapping or Hep platelet mapping as needed)
- ☐ Operating room sample ☐ On ECMO ☐ Other _____

Other Sample Requests (Physician Directed): _____



For interpretation:

Is patient on unfractionated heparin or enoxaparin ☐ Yes ☐ No

Patient received anti-platelet therapy in last 7 days? ☐ Yes ☐ No

Which anti-platelet medication? ☐ Aspirin ☐ Dipyridamole ☐ Clopidogrel (Plavix) ☐ Other

Sample drawn by: _____ Ascom# _____ Ordering MD/LIP: _____ Ascom/Pg# _____

Test requested	Sample requirement	Tube image	Notes
TEG (Standard) Hep TEG	3 mL Light Blue Tube		3 mL tube only (DO NOT USE 1 mL or 2mL blue top tube)
Platelet mapping studies	3 mL Light Blue Tube AND 3 mL Green, Li Heparin (NO GEL SEPARATOR)		DO NOT USE plasma separator tube or sodium heparin tube.

Reminders:

- Draw waste before TEG samples (10 mL for central lines, 3 mL for venipuncture)
- For venipuncture, use 21-gauge needle or larger
- Draw blue top tube before green top tube
- Fill tubes to arrow markings, gently invert five times to prevent clotting
- Ensure sample is properly labeled with patient identifiers and collection date/time
- Sample must be brought down to lab as soon as possible (samples older than 2 hours are rejected)
- **Do not use pneumatic tube system**
- **Do not place sample on ice**