

## Specimen Collection Requirements for High Sensitivity Troponin I

**Effective Date:** September 12, 2023

Effective September 12, 2023, Beaumont Laboratory will be offering High Sensitivity Troponin I test. This test requires venous collection in either the **Pearl White BD Vacutainer® PPT™ Plasma Preparation Tube** (preferred) or Lavender K2EDTA (acceptable) for the collection of venous blood which upon centrifugation separates undiluted EDTA plasma.



### **COLLECTION INSTRUCTIONS:**

1. **Venipuncture Collection:** Collect 1 Pearl-Top K2EDTA PPT or Lav K2EDTA tube via standard venipuncture protocol. Allow tube to fill completely (Minimum Whole Blood: 4.0 mL).
2. After collection immediately and gently **invert the tube 8–10 times**.
3. **For Inpatient Units:** Transport tube immediately to lab. Lab Specimen Processing to centrifuge immediately at either 4000 x g for 5 minutes (Stat) or 1300 x g for 10 minutes (Routine).
4. **For Outreach Patients:** Centrifuge tube immediately at 1300 x g for 10 minutes. Refrigerate centrifuged PPT tube (2-8° C) or plasma aliquot from Lav K2EDTA. Minimum volume: 1.0 mL plasma. Transport centrifuged Pearl-top tube or labeled aliquot tube refrigerated (2-8° C).

**REJECTION CRITERIA:** Pearl-top K2EDTA or Lav K2EDTA tubes with plasma not separated from cells within 2 hours of collection.

### **WORKDAY ORDERING INFORMATION:**

**Catalog Number:** ITM-1128903, TUBE BLD COLLCT PPT PLASMA PREP

**Manufacturer Number:** 362788

**Price:** \$1215.80 / Case

**Laboratory Test Directory:** <http://beaumontlaboratory.com/test-lab-directory>.

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**Submitted by:** Kimberly Geck, Laboratory Operations Director, Dearborn, Taylor, Trenton, Wayne/Canton