



**Date:** April 6, 2020  
**To:** Physician, Nurses, Allied Health Professionals at High River Hospital and Canmore General Hospital, and APL Chemistry Managers and Supervisors, MLT II/III, LIC, Accessioning, Clinical Biochemists  
**From:** Clinical Biochemistry, South Sector, Alberta Precision Laboratories (APL)  
**Re:** **Changes in blood collection tube for troponin testing at High River Hospital and Canmore General Hospital**

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**PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE**

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**Key Message:**

- Effective **April 1, 2020**, blood samples for troponin testing at High River Hospital and Canmore General Hospital must be collected in 3.0 mL Barricor™ blood collection tubes instead of mint green plasma separator tubes (PSTs).

**Why this is Important:**

- This change coincides with the transition to a high sensitivity troponin I assay (Troponin I Access High Sensitivity®) at these sites and is needed to provide the cleaner plasma sample that is required by this new assay to avoid false positive results.
- All other troponin tests (e.g. conventional TnI, hs-TnI (Vidas), hs-TnT) will continue to be collected in PSTs.

**Action Required:**

- Ensure that you are trained on collecting into a 3.0 mL Barricor tube. In-service training is available through the laboratory at High River Hospital and Canmore General Hospital.
- Please see attached document included with this Laboratory Bulletin for “*Tips for Sample Collection*” into the Barricor tube.



**Inquiries and feedback may be directed to:**

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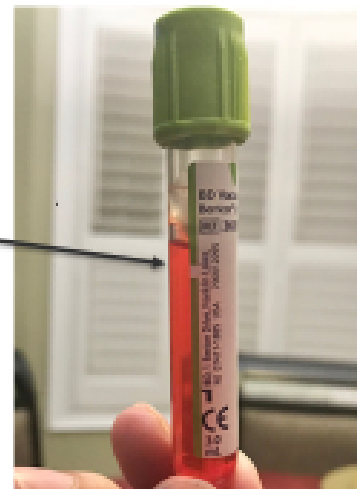


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**Tips for Sample Collection:**

- Order of Draw same position
- Fill tube to capacity until vacuum is exhausted/depleted
- Observe nominal fill line on vacutainer for optimal sample volume
- Invert tube 8-10x
- Avoid use of syringes in tube (use a BTD)\*\*
- LLAD (Luer Lock Access Device)  
*Compatible for Central line related collection applications*



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