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.

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Introducing BD Vacutainer® Barricor™
Plasma Blood Collection Tube
Sample Check List

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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