[](http://depts.washington.edu/labweb/index.htm)

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| **University of Washington,**  **Harborview Medical Center**  **325 9th Ave. Seattle, WA, 98104**  **Transfusion Services Laboratory**  **Policies and Procedures Manual** | **Original Effective Date:**  **June 24, 2011** | **Number:**  **5601-5** |
| **Revision Effective Date:**  4/7/2022 | **Pages:**  **2** |
| TITLE: Quality Control Testing and Review Schedule | | |

**Policy:**

The Harborview Transfusion Service Laboratory (TSL) will perform quality control testing according to regulatory requirements, accepted standards of practice, and manufacturer’s instructions, where applicable.

**Purpose:**

To describe the frequency of quality control testing for all methods and procedures used in the Harborview Medical Center (HMC) Transfusion Services Laboratory (TSL).

**Schedule:**

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| **Test Method, Procedure, or Equipment** | **Frequency of Quality Control Testing** | **Frequency of Review** |
| Manual Tube Methods | * Each day of use, each lot number, each shipment. * If test results indicate a problem. | Reviewed by Second Technologist before release of patient results.  Reviewed by MLS Lead, TSL Manager (or designee), or MLS2 daily.  Reviewed by Manager (or designee) monthly |
| TANGO solid phase testing platform | * Each day of use, each lot number, each shipment. * Each batch of Bromelin reagent. * After maintenance. * If test results indicate a problem. * Function Checks done monthly. |
| Comparability of Instrument/Methods | * TANGO and Manual test methods are frequently run on the same patient sample, and are compared at the time they are run. * ABO/Rh of patients with no previous history. * Unit type confirmations * Antibody Screens * Antibody Identification * In addition, semi-annual method comparisons are documented per Method Correlation Protocol. * Any discrepancy is investigated | Reviewed each time correlations are performed by an MLS.  Semi-Annual method comparison is reviewed by TSL Manager or designee |

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| **Test Method, Procedure, or Equipment** | **Frequency of Quality Control Testing** | **Frequency of Review** |
| Manual Bench QC | * Quality Control is performed on each bench on each shift. * Heat block * Cell Washer * Reagent Rack | Monthly by MLS Lead/MLS2 |
| Temperature-Controlled Storage Devices | * Ongoing monitoring via chart recorders or remote temperature monitoring system (TempTrak) * Daily temperature checks * Daily Battery check, if applicable. * Monthly temperature comparisons * Quarterly Alarm verifications | Monthly by Compliance Analyst (or designee) |

**References**

Applicable Manufacturer’s insert, current version

AABB Standards for Blood Banks and Transfusion Services, current edition