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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.
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| 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