**Purpose**

To describe the procedure used to verify the performance of platelet container

**Policy**

HMC Transfusion Services Lab (TSL) will annually validate the platelet container used to transport and store platelets within HMC service areas. Platelet container shall hold a temperature of 20-24C and be able to hold one platelet. Mini platelet container will only be used to transport platelet inside the hospital.

**Required Materials:**

* Platelet Box
* Data Logger
* 2 Stabilizers
* 1 Platelet

**Procedure:**

|  |  |  |
| --- | --- | --- |
| **Step** | **Action** | **Related Documents** |
| 1 | Select a mini platelet container from Bloodworks Northwest |  |
| 2 | Inspect Container for acceptability   * Container must be intact with no damage to Styrofoam packaging | Platelet Container Validation Form |
| 2 | Data Logger   * Select an in-date data logger * Set data logger to record every hour |  |
| 4 | If container is acceptable   * Pack container with 2 stabilizers and 1 platelet * Turn on the data logger to start recording * Place data logger in between the stabilizers |  |
| 5 | Close container and place in selected location for 24 hours |  |
| 6 | After 24 hours, open container and extract data logger temperatures   * Enter temperature data to the validation form | Platelet Container Validation Form |
| 7 | Turn in completed form for Manager’s review |  |
| 8 | Data will be reviewed for acceptability |  |

**References**

Standards for Blood Banks and Transfusion Services, Current Edition. American Association of Blood Banks. AABB Press, Bethesda, MD