1. **Principle**

Standards and licensing require that TML equipment be cleaned regularly and maintained in good operating condition.

1. **Scope and Related Policies**
   1. Serological testing baths – Monthly unless contaminated.
   2. Product thawing baths – Monthly unless contaminated or, if using automated thawing equipment, according to the manufacturer's recommendations.
   3. If contaminated clean immediately.
   4. Always use protective gloves when using a disinfectant reagent
2. **Specimen – N/A**
3. **Materials**

**Equipment:** Water bath

Heating Block

**Supplies:** Non-corrosive Disinfectant Agent

Bacterial Inhibition Agent

Protective Gloves

Record of Temperature/Cleaning (QCA.006F)

1. **Quality Control – N/A**
2. **Procedure**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| * 1. Waterbaths  |  |  | | --- | --- | | ***If*** | ***Then*** | | using an automated thawing device | follow the manufacturer's instructions for cleaning and proceed to step 6.1.8 | | * + 1. Unplug waterbath. |
| * + 1. Remove racks and thermometer, clean rack as per other plastics, wipe with a non-corrosive disinfectant agent before replacing in bath. |
| * + 1. Remove water by suction into trap jar; discard down sink. |
| * + 1. Wipe out any debris left. |
| * + 1. Wipe inside and outside surfaces with a non-corrosive disinfectant agent and rinse with clean water and remove with suction. Wear gloves to protect hands. |
| * + 1. Refill bath with distilled water and add an approved disinfectant agent. |
| * + 1. Replace cleaned rack and thermometer; plug in. Allow to return to desired temperature before using. |
| * + 1. Record cleaning on QCA.006F. |
| * 1. Heating Blocks | * + 1. Remove the heating blocks from the dry bath chamber ( if possible) and soak in warm soapy water for approximately 5 minutes. |
| * + 1. Clean holes with spiral brush. |
| * + 1. Rinse in clear water. |
| * + 1. Turn upside down on paper towels to drain. |
| * + 1. Allow to dry thoroughly. |
| * + 1. Return blocks to dry bath chamber and allow them to return to 37°C before using. |
| * + 1. Record cleaning on QCA.006F |

1. **Reporting – N/A**
2. **Procedural Notes**
   1. Do not use bleach as this corrodes metal.
   2. Refer to manufacturer’s instructions for any special requirements.
3. **References** 
   1. IQMH Requirements and Guidance Information, December 2013, Version 6; IV
4. **Revision History**

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| --- | --- |
| **Revision Date** | **Summary of Revision** |
| September 1, 2015 | * Revised name of manual * Revised section 6.0 * Updated list of references to include most recent editions |