|  |  |
| --- | --- |
| Purpose | This procedure provides instructions forperforming maintenance on bioMerieux Vidas 3. |

|  |  |
| --- | --- |
| Scope | This procedure is intended for Clinical Laboratory Scientist (CLS) and Medical Laboratory Technicians (MLT) who are trained and competent in operating bioMerieux Vidas 3. |

|  |  |
| --- | --- |
| Equipment | * bioMerieux Vidas 3
 |

|  |  |
| --- | --- |
| Material and supplies | * Dacron® Swabs
* Deproteinizing Detergent Solution (Alconox or Liquinox)
* 10% Bleach Solution
* Decontamination Wipes
* Powderless gloves
 |
|  |  |

|  |  |
| --- | --- |
| Safety | All laboratory employees are expected to maintain a safe working environment and an injury-free workplace. Laboratory employees are responsible for their own safety, and the safety of others and adhering to all departmental and medical center safety policies and procedures.* For standard precautions and safety practices in the laboratory; see LAMC-PPP-0123, specifically, but not limited to, equipment safety, proper body

 mechanics, sharps exposure and proper use of personal protective  equipment (PPE).* For Universal Body Substance precautions, see LAMC-PPP-0128, specifically, but not limited to, exposure to body fluids.
* For proper handwashing, see LAMC-PPP-0132, specifically, not limited to, proper handwashing.
* For proper infection control, see LAMC-PPP-0127, specifically, but not limited to, proper use of gloves.
* For proper handling of regular and infectious waste, see LAMC-PPP-0129, specifically, but not limited to, proper disposal of regular and biohazardous waste.
* For proper cleaning of work area, see LAMC-PPP-0130 – Cleaning Work Areas.
* For proper handling of chemicals and reagents, see the Chemical Hygiene Plan.
* For proper storage and disposal of chemical hazardous waste, see LAMC-PPP-0134.
 |
|   |  |

|  |  |
| --- | --- |
| Procedure | **Monthly Maintenance*** + - * **Cleaning the SPR Blocks**
 |
|  | **Note:** The SPR block cleaning procedure can be initiated from the SPR block cleaning area. It provides step-by-step instructions for cleaning all section SPR blocks. |
| **1** | Select **[System]** from the Navigation Toolbar. |
| **2** | Select **Maintenance**. |
| **3** | Select **SPR block cleaning** from the Maintenance Configuration Option List. |
| **4** | Select **[Start]** in the Action Bar. The SPR blocks are moved to the home position. |
|  |  |
| **5** | Turn OFF the instrument by pressing the power switch on the right side of the instrument. Wait until the instrument has completely turned off. |
| **6** | Select **Validate step** to confirm. |
| **7** | Open the section flap doors. |
| **8** | Flip the SPR block towards you and hold it in this position to easily access all surfaces of the block. |
| **9** | Clean all surfaces of the SPR block with a decontamination wipe. |
| **10** | When cleaning the rear surfaces of the SPR block, press each SPR liner to clean the bottom of the SPR liner. |
| **11** | Using a Dacron® swab moistened with a detergent solution, carefully clean the interior of each SPR liner. |
| **12** | Using a Dacron® swab, clean the interior of each SPR liner with a 10% bleach solution. (0.5-0.6% active chlorine prepared with Demineralized Water) |
| **13** | Allow the bleach solution to react for 10 minutes. |
| **14** | Using a Dacron® swab, clean the interior of each SPR liner with demineralized water. |
| **15** | On the *VIDAS*® 3 touchscreen, validate the completion of the SPR block cleaning. |
| **16** | Close the section flap doors. |
| **17** | Select **Validate step** to confirm. |
| **18** | Turn ON the instrument and wait for the initialization process to complete (Global LED will blink red because specimen and disposable racks are always in error status after initialization.) |
| **19** | Remove and reinsert the racks to resolve the error status. |
| **20** | After initialization of the instrument, select **Validate step.** |
| **21** | When the SPR block cleaning procedure is finished, select **Completed** to confirm. |
| **22** | Document performance of maintenance on the maintenance log. |

|  |  |
| --- | --- |
| Controlled Documents | The following non-controlled documents support this procedure. |
| Document No. | Name of Documents |
| LAMC-PPP-0123 | Safety Practices |
| LAMC-PPP-0127 | Infection Control |
| LAMC-PPP-0128 | Universal Body Substance Precautions |
| LAMC-PPP-0129 | Handling of Regular and Infectious Waste |
| LAMC-PPP-0130 | Cleaning Work Areas |
| LAMC-PPP-0132 | Hand washing Policy |
| LAMC-PPP-0134 | Storage and disposal of Chemical Hazardous Waste |

|  |  |
| --- | --- |
| Non-Controlled Documents | The following controlled documents support this procedure. |

|  |  |
| --- | --- |
| Document No. | Name of Documents |
|  | bioMerieux Vidas 3 Operator’s Manual |
|  | Vidas 3 Basic Guide |

|  |  |
| --- | --- |
| Author(s) | Rosalie I. Fajardo, MS CLS(ASCP) |