

VIDAS 3 MAINTENANCE

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|----------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> St. Joseph Medical Center, Tacoma, WA | <input checked="" type="checkbox"/> St. Anthony Hospital Gig Harbor, WA | <input type="checkbox"/> Harrison Medical Center, Bremerton, WA |
| <input type="checkbox"/> St. Francis Hospital, Federal Way, WA | <input type="checkbox"/> St. Elizabeth Hospital Enumclaw, WA | <input type="checkbox"/> Harrison Medical Center, Silverdale, WA |
| <input type="checkbox"/> St. Clare Hospital Lakewood, WA | <input checked="" type="checkbox"/> Highline Medical Center Burien, WA | <input type="checkbox"/> PSC |

PURPOSE

To provide instructions for performing maintenance on the Biomerieux Vidas 3 analyzer.

BACKGROUND

Temperatures are recorded for the Vidas 3 every day. Monthly Maintenance is performed every month on the Vidas 3. Semi-annual maintenance is performed every 6 months and/or as needed.

RELATED DOCUMENTS

Vidas 3 Procalcitonin
Vidas 3 Maintenance Log

SUPPLIES

Dacron swab (DO NOT use cotton swabs)
Decontamination wipes (such as SaniCloth wipes)
10% bleach solution prepared with demineralized water- optional

INSTRUCTIONS

Daily Temperature Recording and QC:

1. Select [SYSTEM] from the Navigation Toolbar.
2. Select the [Instrument] tab.
3. Select [Display temperatures].
4. Record the temperatures for each of the four Components A-D (SPR block and Tray temp), Cooling Unit and Internal Instrument temp on the Vidas 3 Maintenance Log. (Please note that the instrument will alarm if any of the temperatures are out of acceptable range and will prevent the analyzer/component section from running)
5. Run QC levels C1 and C2. See related documents for further instruction on running, printing and recording QC.

Monthly Maintenance:

Clean Reagent Strip Sections-

1. Select [SYSTEM] from the Navigation Toolbar.
2. Select the [Maintenance] tab.
3. Select [SPR Block Cleaning] from the maintenance configuration option list.

4. Select [Start] in the Action toolbar. The SPR blocks are moved to the home position.
5. Turn off Vidas 3 using the power switch on the right hand side near the back. Wait until the instrument has completely turned off. Note that the touchscreen and Vidas 3 software will remain on.
6. Select [Validate step] to confirm.
7. Open the section flap doors.
8. Wrap a decontamination wipe around a dacron swab (DO NOT use cotton swab) and clean each of the reagent strip sections. A separate swab may be used for each section. Save the decontamination wipe and dacron swab(s) for the next maintenance section. **With the instrument still off**, proceed to Clean SPR Block.

Clean SPR Block

1. Flip the SPR block towards you and hold it in this position to easily access all surfaces of the block.
2. Clean all surfaces of the SPR block with the decontamination wipe.
3. When cleaning the rear surfaces of the SPR block, press each SPR liner to clean the bottom of the SPR liner.
4. Use the dacron swab (DO NOT use cotton swab) previously moistened with a decontamination wipe to clean the interior of each SPR liner. (use a separate moistened swab for each of the 4 component sections).
5. On the Vidas 3 touchscreen, validate the completion of the SPR block cleaning.
6. Close the section flap doors.
7. Select [Validate step] to confirm.
8. Turn ON the instrument and wait for the initialization process to complete.
Note: the global LED will blink red because specimen and disposable racks are always in error status after initialization. Remove and reinsert the racks to resolve the error status.
9. After initialization of the instrument, select [Validate step].
10. When the SPR block cleaning procedure is finished, select [Completed] to confirm.

6-month (or as needed) Maintenance:

- Clean Touch Screen

Turn instrument off prior to performing the following tasks:

- Clean the Housing and Front Cover
- Clean Vials, Tubes and Disposables Rack
- Clean Waste Drawer

PROCEDURAL NOTES

- Be sure to perform Quality Controls **after** doing the Monthly Maintenance, not before.
- Document all maintenance performed on the Vidas 3 Maintenance Log
- Pictures and further information, if needed, can be found in the Vidas 3 In-Lab Basics Guide.

REFERENCE

bioMérieux, Vidas 3 In-Lab Basics Guide 2015
Vidas 3 User Manual 161150-465 B 01/2017