



cobas[®] 6800/8800 Systems

Addendum

Decontamination of sample racks and rack trays

Addendum version 1.1



cobas[®]

Life needs answers

Revisions

This chapter contains updated information regarding the decontamination procedures for sample racks and rack trays. The updated instructions contain a new cleaning procedure as well as provide information about the use of sodium or potassium hypochlorite solution (bleach) as decontaminant and mikroqid[®] as cleaning solution.

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Revisions to the cobas® 6800/8800 Systems user documentation

Addendum version	Software version	Revision date	Changes
1.0	1.2 and 1.3	March 2019	Information about decontaminating sample racks and rack trays.
1.1	1.4	February 2022	<ul style="list-style-type: none"> Lists of impacted User Guides and User Assistances updated Ethanol purity changed

☰ Revision history

User Guides impacted

Software version	Revision version	Revision date	Title
1.2	3.0	September 2016	cobas ® 6800/8800 Systems User Guide Version 3.0
1.2	3.1	August 2017	cobas ® 6800/8800 Systems User Guide Version 3.1
1.2	3.2	July 2018	cobas ® 6800/8800 Systems User Guide Version 3.2
1.2	3.0	August 2016	cobas p 680 instrument User Guide Version 3.0
1.3	4.1	March 2018	cobas ® 6800/8800 Systems User Guide Version 4.1
1.3	4.2	August 2018	cobas ® 6800/8800 Systems User Guide Version 4.2
1.3	4.0	October 2017	cobas p 680 instrument User Guide Version 4.0
1.4	5.0	December 2019	cobas p 680 instrument User Guide Version 5.0

☰ List of User Guides impacted

User Assistances impacted

Software version	Revision version	Revision date	Title
1.2	3.0	September 2016	cobas ® 6800/8800 Systems User Assistance Version 3.0
1.2	3.1	August 2017	cobas ® 6800/8800 Systems User Assistance Version 3.1
1.2	3.2	July 2018	cobas ® 6800/8800 Systems User Assistance Version 3.2
1.2	3.0	August 2016	cobas p 680 instrument User Assistance Version 3.0
1.3	4.1	March 2018	cobas ® 6800/8800 Systems User Assistance Version 4.1
1.3	4.2	August 2018	cobas ® 6800/8800 Systems User Assistance Version 4.2
1.3	4.0	October 2017	cobas p 680 instrument User Assistance Version 4.0
1.4	5.0	December 2019	cobas p 680 instrument User Assistance Version 5.0

☰ List of User Assistances impacted

Introduction

Roche recommends that you familiarize yourself with the new and/or revised content provided in this chapter.

The information contained in this document is complementary to the general decontamination procedures that are listed in the *Maintenance* chapter of the **cobas**® 6800/8800 Systems User Assistance and User Guide.

The following illustration explains how this content is presented in this document.

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Revision 1: Decontaminating sample racks

A

Revision 1: Decontaminating sample racks

B

Revised sections

Replace the following section with the new content below.

- “Decontaminating sample racks” in chapter “Maintenance”


Sodium or potassium hypochlorite solution (bleach) as an alternative to DNA AWAY™ Surface Decontaminant and a new rinsing step with deionized water was added.

C


Decontaminating sample racks

D

Sample racks must be decontaminated regularly.


7

Recommended weekly.



Powder-free lab gloves
 Personal protective equipment
 Lint-free cloths
 70% ethanol or mikrozid®
 Deionized or distilled water

One of the following decontamination solutions:

- DNA AWAY™ Surface Decontaminant (Molecular BioProducts, Inc.)
- 0.6% (w/v) daily prepared sodium or potassium hypochlorite solution (bleach)


D

A Change ID

B Change summary

C Affected sections

D Changed element

 Structure of a changed entry



If you print these pages, Roche recommends printing them single-sided. In this way, you can easily insert the new and/or revised content in its appropriate location(s) in the existing document.

What is new in publication version 1.1

Lists of impacted User Guides and User Assurances

The lists of impacted User Guides and User Assurances have been updated.

Ethanol used for cleaning

The purity of the ethanol used for cleaning must not be of reagent-grade (ethanol p.a.).

Revision 1: Decontaminating sample racks

Revised sections

Replace the following section with the new content below.

- “Decontaminating sample racks” in chapter “Maintenance”

Sodium or potassium hypochlorite solution (bleach) as an alternative to DNA AWAY™ Surface Decontaminant and a new rinsing step with deionized water was added.

Decontaminating sample racks

Sample racks must be decontaminated regularly.



Recommended weekly.



- Powder-free lab gloves
- Personal protective equipment
- Lint-free cloths
- 70% ethanol or mikrozid®
- Deionized or distilled water

One of the following decontamination solutions:

- DNA AWAY™ Surface Decontaminant (Molecular BioProducts, Inc.)
- 0.6% (w/v) daily prepared sodium or potassium hypochlorite solution (bleach)

► To decontaminate sample racks



- 1** Soak the sample racks for 10 minutes in DNA AWAY™ Surface Decontaminant or 0.6% (w/v) daily prepared sodium or potassium hypochlorite solution (bleach) in a container or bath with a cover. During soaking, move the racks gently five times back and forth to increase cleaning efficiency.
- 2** Rinse the sample racks with deionized water.
- 3** Leave the sample racks to dry or wipe them using a lint-free cloth moistened with 70% ethanol.
 - ❶ Make sure the racks are completely dry before use.

•📄 Related topics

- General decontamination procedures
- Decontaminating the sample supply module

Revision 2: Decontaminating rack trays

Revised sections

Replace the following section with the new content below.

- “Decontaminating rack trays” in chapter “Maintenance”

Decontaminating rack trays


Spills on the rack tray surface can be biohazardous. Clean up all spills. The cleaning procedures described below are the same for all types of rack trays.

⚠ WARNING

Personal injury due to the edges on the rack tray’s center guide rail.

The edges on the rack tray’s center guide rail may cause personal injury.

- ▶ Avoid contact with all edges, even when wearing lab gloves.
- ▶ Wear protective equipment such as lab gloves.
- ▶ Carefully observe all instructions given in this task.

 If there is sticking and crystallized dirt on the rack tray, scrape it with a cotton swab.



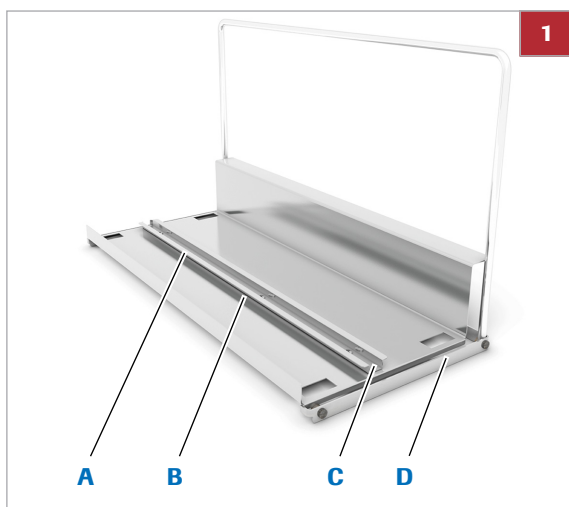
Recommended weekly



- Powder-free lab gloves
- Personal protective equipment
- Lint-free cloths
- Lint-free cotton swab
- 70% ethanol or mikrozid[®]
- Deionized or distilled water

One of the following decontamination solutions:

- DNA AWAY™ Surface Decontaminant (Molecular BioProducts, Inc.)
- 0.6% (w/v) daily prepared sodium or potassium hypochlorite solution (bleach)



A Rail edge **C** Rail center
B Rail groove **D** Rack tray

► To decontaminate rack trays (option 1)

- 1 Wipe the rail center in both directions with a lint-free cotton swab following the general decontamination procedure.
- 2 Wipe the rail edge in both directions with a lint-free cotton swab following the general decontamination procedure.
- 3 Wipe the rail groove in both directions with a cotton swab following the general decontamination procedure.
- 4 Wipe the edges on the bottom of the rack tray in both directions with a cotton swab following the general decontamination procedure.
- 5 With an at least 10 mm thick pile of lint-free cloth, wipe the surface of the rack tray starting from the center in both directions, and then follow the general decontamination procedure.
 - ❶ To do that, hold the rack tray with one hand and the pile of lint-free cloth with your fingers.
- 6 Repeat step 5 for the following parts of the rack tray:
 - Rear surface
 - Bottom surface
- 7 Visually check the rack trays.
 - Make sure that there is no fiber from cloths or swabs remaining on the rack tray.
 - Make sure that there are no wet areas on the rack tray.

► To decontaminate rack trays (option 2)



- 1 Place two rack trays as indicated in a container or bath with a cover filled with DNA AWAY™ Surface Decontaminant or 0.6% (w/v) daily prepared sodium or potassium hypochlorite solution (bleach).
- 2 Soak the rack trays for 10 minutes in the solution. During soaking, gently move the container five times back and forth to increase cleaning efficiency.
- 3 After soaking, rinse the rack trays with deionized water.

- 4 Leave the rack trays to dry or wipe them using a lint-free cloth moistened with 70% ethanol.
 - ❶ Make sure the trays are completely dry before use.
 - If necessary - for example, if there is still debris on the rack trays - perform the manual rack tray decontamination procedure (option 1) as outlined above.

•📖 **Related topics**

- General decontamination procedures

