



# cobas<sup>®</sup> 6800/8800 Systems

Addendum

Decontamination of sample racks and rack trays

Addendum version 1.0



**cobas<sup>®</sup>**

*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 mikrozyd<sup>®</sup> 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.

☰ Revision history

## User Guides impacted

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

☰ List of User Guides impacted

## User Assistances impacted

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

☰ 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

Revised sections	Replace the following section with the new content below.
	<ul style="list-style-type: none"> <li>▪ “Decontaminating sample racks” in chapter “Maintenance”</li> </ul>
	<p>Sodium or potassium hypochlorite solution (bleach) as an alternative to DNA AWAY™ Surface Decontaminant and a new rinsing step with deionized water was added.</p>


  

### Decontaminating sample racks

Sample racks must be decontaminated regularly.

  
7

Recommended weekly.



Powder-free lab gloves  
 Personal protective equipment  
 Lint-free cloths  
 70% ethanol p.a. or mikrozyd®  
 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)

B

C


D

**A** Change ID


**B** Change summary

**C** Affected sections

**D** Changed element

 Structure of a changed entry

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 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.

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# 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 p.a. 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 p.a.
  - 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”

mikrozyd<sup>®</sup> as an alternative to ethanol and a second decontamination procedure was added.

## 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.

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

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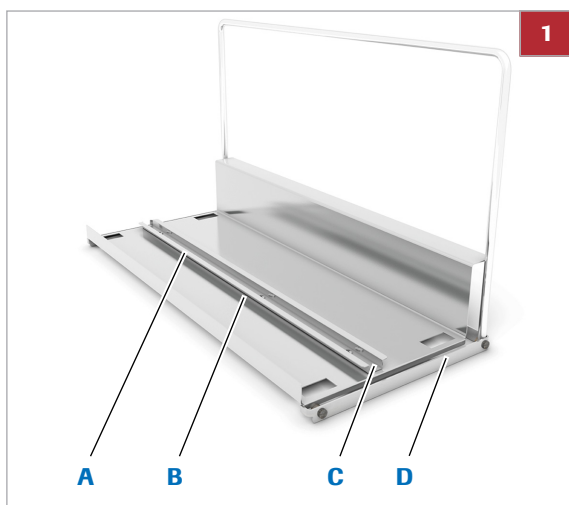
Recommended weekly



- Powder-free lab gloves
- Personal protective equipment
- Lint-free cloths
- Lint-free cotton swab
- 70% ethanol p.a. or mikrozyd<sup>®</sup>
- 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 p.a..
  - 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

