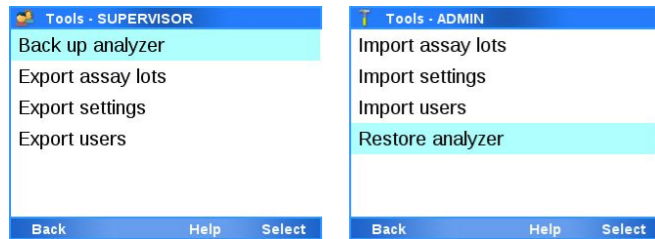
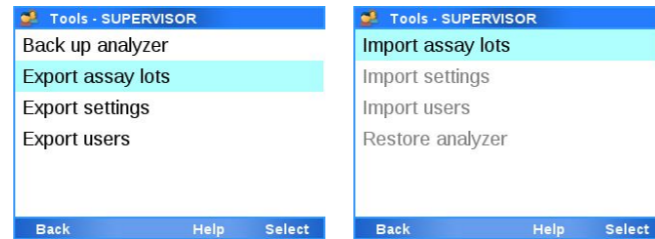


## Backing up and restoring an analyzer



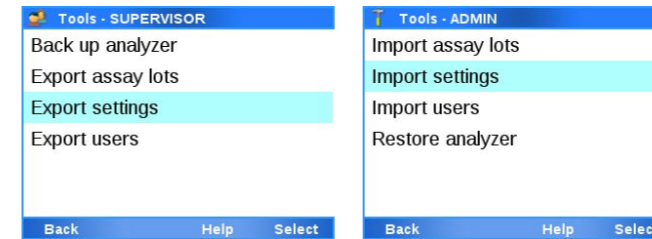
- Insert a USB flash drive.
- To **back up** the analyzer:
  - Choose **Tools > Export data > Back up analyzer**.
  - On the success message, choose the **Confirm** button.
- To **restore** the analyzer:
  - Choose **Tools > Import data > Restore analyzer**.
  - Enter your password and choose the **Enter** button.
  - If prompted to import the latest file, choose the **Confirm** button.
  - On the restart message, choose the **Restart** button.
- Remove the USB flash drive.

## Exporting and importing assay tube lots



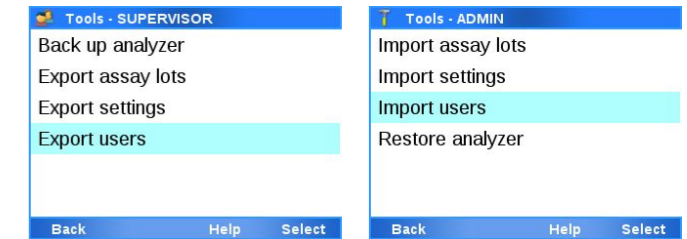
- Insert a USB flash drive.
- To **export** assay tube lots:
  - Choose **Tools > Export data > Export assay lots**.
  - If prompted, replace or merge the assay tube lots on the USB flash drive.
- To **import** assay tube lots:
  - Choose **Tools > Import data > Import assay lots**.
  - Enter your password and choose the **Enter** button.
  - Replace or merge the assay tube lots on the analyzer.
- On the success message, choose the **Confirm** button.
- Remove the USB flash drive.

## Exporting and importing settings



- Insert a USB flash drive.
- To **export** settings:
  - Choose **Tools > Export data > Export settings**.
  - On the success message, choose the **Confirm** button.
- To **import** settings:
  - Choose **Tools > Import data > Import settings**.
  - Enter your password and choose the **Enter** button.
  - If prompted to import the latest file, choose the **Confirm** button.
  - On the restart message, choose the **Restart** button.
- Remove the USB flash drive.

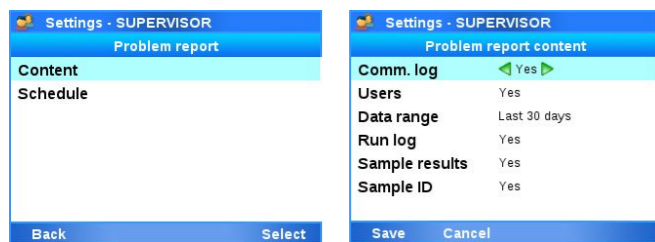
## Exporting and importing users



- Insert a USB flash drive.
- To **export** users, choose **Tools > Export data > Export users**.
- To **import** users:
  - Choose **Tools > Import data > Import users**.
  - Enter your password and choose the **Enter** button.
  - If prompted to import the latest file, choose the **Confirm** button.
- On the success message, choose the **Confirm** button.
- Remove the USB flash drive.

## Configuring problem reports content

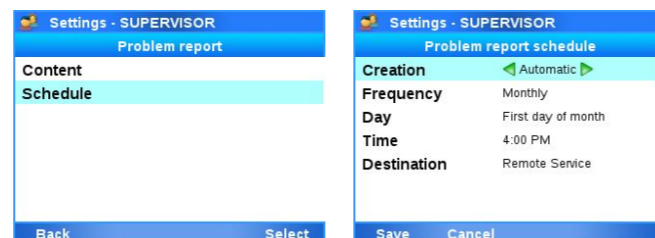
It is recommended to include the optional content in problem reports.



- Choose **Settings > Scheduled tasks > Problem report > Content**.
- Include (**Yes**) or exclude (**No**) data (**Comm. log**, **Users**, **Run log**, **Sample results**, and **Sample ID**).
- Choose the **Data range** item and choose a value (**Last 30 days**, **All**, **Last 24 hours**, or **Last 7 days**).
- Choose the **Save** button.

## Scheduling automatic problem reports

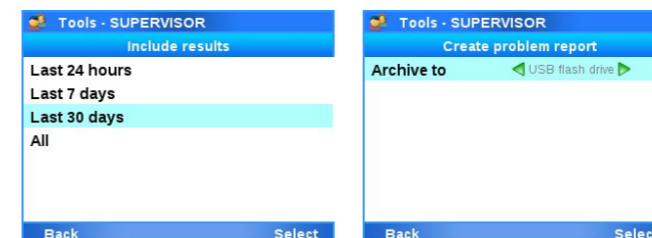
It is recommended first to configure the problem reports to include the optional content.



- Choose **Settings > Scheduled tasks > Problem report > Schedule**.
- For the **Creation** item, choose the **Automatic** value.
- Choose the frequency, day, and time.
- Choose the **Destination** item and choose the storage location (**Remote service**, **Network share {0}**, or **FTP share {0}** ({0} = 1, 2, 3)).
- Choose the **Save** button.

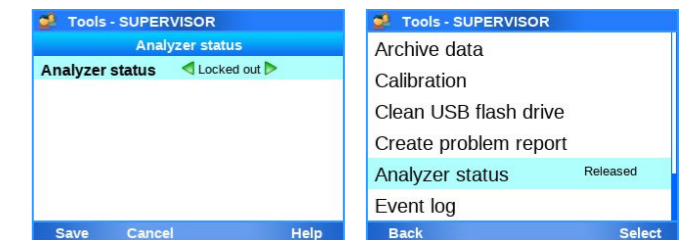
## Creating problem reports manually

It is recommended first to configure the problem reports to include the optional content.



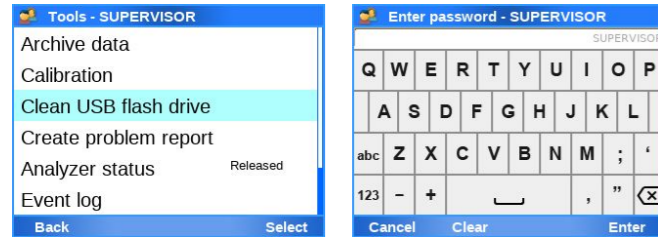
- Optionally, insert a USB flash drive.
- Choose **Tools > Create problem report**.
- If prompted for included results, choose the data range (**Last 24 hours**, **Last 7 days**, **Last 30 days**, or **All**).
- Choose the storage location (**USB flash drive**, **Network share {0}**, **FTP share {0}** ({0} = 1, 2, 3), or **Remote service**). Choose the **Select** button.
- On the success message, choose the **Confirm** button.
- Optionally, remove the USB flash drive.

## Triggering an analyzer lockout



- Choose **Tools > Analyzer status**.
- To trigger an analyzer lockout, for the **Analyzer status** item, choose the **Locked out** value.
- To release the analyzer lockout, for the **Analyzer status** item, choose the **Released** value.
- Choose the **Save** button.

## Cleaning a USB flash drive



- Insert a USB flash drive.
- Choose **Tools > Clean USB flash drive**.
- Enter your password and choose the **Enter** button.
- If prompted, choose the **Confirm** button.
- On the success message, choose the **Confirm** button.
- Remove the USB flash drive.

## About USB flash drives

- For USB flash drives to be used with the analyzer, the following limitations apply:
  - Size: less than 2 TB
  - Only USB flash drives with MBR (master boot record) are supported (GPT (GUID partition table) is not supported)
  - Supported file systems:
    - FAT16 (VFAT)
    - FAT32 (VFAT)
    - ext2/3/4
    - exFAT
  - NTFS (New Technology File System) is not supported.
- It is recommended to use a lockable USB flash drive, i.e., a USB flash that you must unlock before you insert it in the analyzer. It is not possible to enter an unlock code for a USB flash drive via the analyzer.



## cobas® liat analyzer

### Advanced Tools Guide

This publication is a quick reference for the advanced tools of the **cobas® liat** analyzer. For a detailed description, refer to the User Guide.



- You cannot perform any other action on the analyzer at the same time.
- To ensure analyzer performance, archive and delete data regularly, at least once a month.
- To import settings or users, and to restore the analyzer, you need **administrator** user role. For all other functions, you need **supervisor** user role.

### Risk of unauthorized access

Archived data is stored as plaintext files and their content may be accessible to unauthorized persons.

- It is recommended to use a lockable USB flash drive.
- Ensure that you store archive files safely and securely so that they are not accessible by unauthorized persons.
- Follow the safety instructions detailed in the User Guide.

### Incident reporting

- Inform your Roche representative and your local competent authority about any serious incidents which may occur when using this product.

## Roche Support | Publication information

To obtain technical assistance, contact your local Roche representative.

**Affiliates:** <https://www.roche.com/worldwide>

Electronic user documentation can be downloaded using the eLabDoc e-service on Roche DiaLog:

<https://dialogportal.roche.com>

For more information, contact your local affiliate or Roche Service representative.

**Patents:** <http://www.roche-diagnostics.us/patents>



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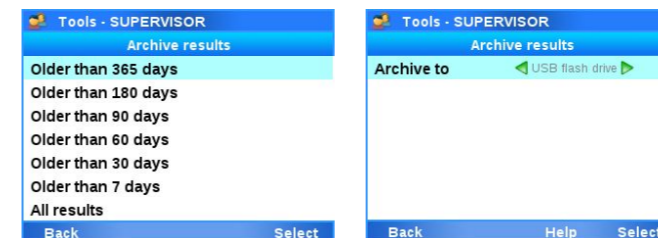
Made in Switzerland



Roche Diagnostics GmbH  
Sandhofer Strasse 116  
68305 Mannheim  
Germany

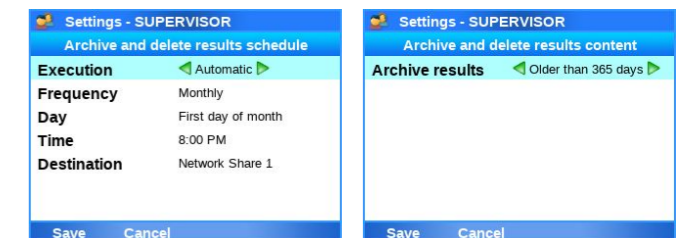


## Archiving and deleting data manually



- Optionally, insert a USB flash drive.
- Choose **Tools > Archive data**.
- Choose the archiving item (**Archive results**, **Archive and delete results**, **Archive audit trails**, **Archive and delete audit trails**, or **Archive assay lots**).
- If prompted to archive and delete, enter your password and choose the **Enter** button.
- If prompted to archive results, choose the archiving criterion (**Older than 365 days**, **Older than 180 days**, **Older than 90 days**, **Older than 60 days**, **Older than 30 days**, **Older than 7 days**, or **All results**).
- Choose the archiving location (**Network share {0}**, **FTP share {0}** ({0} = 1, 2, 3), **USB flash drive**). Choose the **Select** button.
- On the success message, choose the **Confirm** button.
- Optionally, remove the USB flash drive.

## Scheduling automatic archiving



- For **results**, choose **Settings > Scheduled tasks > Archive and delete results > Schedule**.
- For **audit trails**, choose **Settings > Scheduled tasks > Archive and reduce audit trails > Schedule**.
- For the **Execution** item, choose the **Automatic** value.
- Choose the frequency, day, and time.
- Choose the **Destination** item and choose the storage location (**Remote service**, **Network share {0}**, or **FTP share {0}** ({0} = 1, 2, 3)).
- Choose the **Save** button.
- For results only, choose the **Content** item and choose the archiving criterion (**Older than 365 days**, **Older than 180 days**, **Older than 90 days**, **Older than 60 days**, **Older than 30 days**, **Older than 7 days**, or **All results**). Choose the **Save** button.

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### Revision history

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