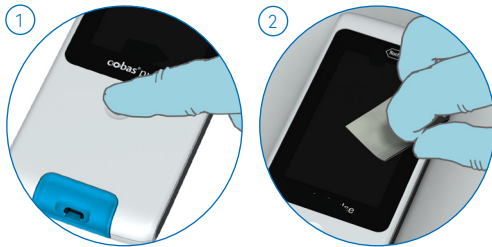


## Cleaning and disinfecting your instrument

Cleaning and disinfecting the surface of the instrument is advised between patients.

Only use recommended cleaning solutions and disinfectants to clean and disinfect the instrument.

1. Ensure the instrument is in standby mode, and then place it on a level surface.
2. Using a slightly dampened towelette, gently wipe the instrument surfaces (touch screen, instrument housing, and test strip port). For each surface, apply 3 horizontal and 3 vertical passes. Use an unused part of the towelette for each pass. Ensure no liquid enters the test strip port.



3. After cleaning, dry the instrument with a lint-free cloth or gauze. After disinfection, observe surface contact time in line with the disinfectant guidance.
4. If required, confirm that you have cleaned the instrument as follows:
  - Press the on/off button, and then log on (if necessary).
  - Tap the button.
  - In the **Notifications** screen, tap the **Confirm** button on the **Instrument cleaning due** notification.
  - In the **Instrument cleaning** dialog box, tap the **Confirm** button.

## Acceptable cleaning solutions and disinfectants

Cleaning solutions:

- 0.5% liquid soap diluted in water.
- Alcohol (70% ethanol or isopropyl alcohol).

Disinfectant:

- Quaternary ammonium compounds up to 0.5% (single compound or mixture) in isopropyl alcohol up to 55% (e.g., Super Sani-Cloth®).

## Important safety information



Follow all health and safety regulations.

- Always wear a new pair of disposable gloves for testing each patient.
- Ensure a puncture site is clean, disinfected and dry. Use an auto-disabling single-use lancing device for each patient.
- Test strips are single use only. Never reuse a test strip.
- Dispose of the test strip in accordance with your facility's infection control policy.
- When performing proficiency tests, ensure the samples are stored correctly.
- Anticoagulants containing iodoacetate or fluoride are not recommended.
- To minimize the effect of glycolysis, whole blood glucose tests need to be performed immediately after obtaining the blood samples.

## cobas® pulse Quick Reference Guide

This Quick Reference Guide is a reference for using the **cobas® pulse** system. Read the entire **cobas® pulse** system User Guide before using it.



## Document information

Document version 1.0

## Support

If you have any questions or problems, please contact your local service representative.

Affiliates:

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



Roche Diagnostics GmbH  
Sandhofer Strasse 116  
68305 Mannheim, Germany



© 2024, Roche Diagnostics. All rights reserved.

**COBAS** and **COBAS INFINITY** are trademarks of Roche.

All other product names and trademarks are the property of their respective owners.




**cobas®**



## Logging on

How you log on depends on your instrument's configuration.

1. Remove the instrument from the charging station.
2. In the **Glucose** screen, tap the **Log on** button.
3. In the **User login** screen, enter your user ID / name using one of the following methods:





- RFID tag 
- Barcode 
- Keyboard 

4. In the **Enter password** screen, type in your password in the **Password** field, and then tap the **Log on** button.

The **Tests** screen is displayed.

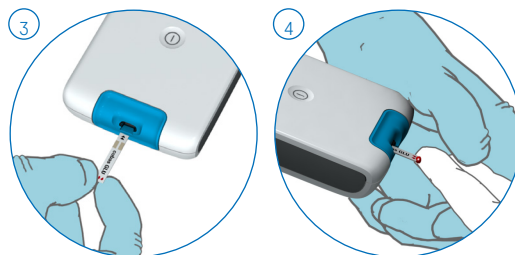
## Performing a glucose test

Ensure that the instrument has been cleaned and disinfected as per defined procedure, and that you are wearing a new pair of gloves.


1. In the **Tests** screen, tap the  button.
2. Enter the patient ID using either an RFID tag , a barcode , or the keyboard .
3. When prompted, insert a test strip.

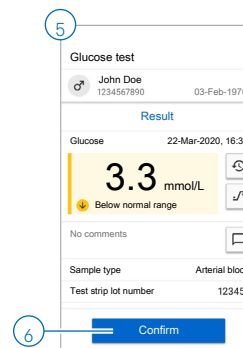
**CAUTION!** Ensure the puncture site is clean, disinfected, and dry.

4. When prompted, apply the blood sample immediately



to the front edge of the test strip, **not** on the top of the strip.

5. In the **Result** screen, review the result details. Add a comment as required .
6. Tap the **Confirm** button.
7. When prompted, eject the test strip.



## Understanding test results

A glucose test result is color coded, based on the test result ranges that are configured.

**30.5** mmol/L  
Critically high

Test result critically high.

**8.9** mmol/L  
Above normal range

Test result above normal range.

**5.3** mmol/L  
Normal range

Test result within normal range.


**3.3** mmol/L  
Below normal range

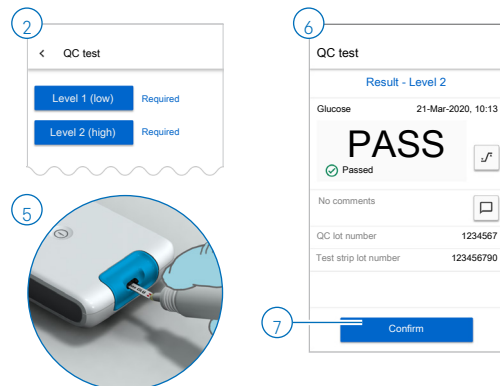
Test result below normal range.



**1.7** mmol/L  
Critically low

Test result critically low.

## Performing a QC test

1. In the **Tests** screen, tap the  button.
2. In the **QC test** screen, do one of the following:
  - Tap the **Level 1 (low)** button.
  - Tap the **Level 2 (high)** button.
3. To select the QC lot, do one of the following:



4. When prompted, insert a test strip.
5. When prompted, apply the QC material to the front edge of the test strip, not on the top of the strip.
6. In the result screen (**Result - Level 1 / Result - Level 2**), you can do the following:
  - View the **Range details** dialog box. .
  - Add comments to the result as required. .
7. Tap the **Confirm** button.
8. When prompted, eject the test strip.

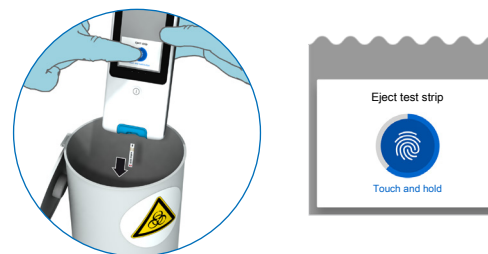
## Ejecting a test strip

You are prompted to eject a test strip when performing a glucose test or a QC test.

You use the **Eject test strip** dialog box.


Hold your instrument vertically over the waste receptacle.

Touch and hold the  button until the blue progress indicator has encircled it. If the strip does not drop out, gently shake the instrument.



## Logging off

To log off, do one of the following:

- Place your instrument in the charging station.
- Press the on/off button.
- Tap the  button.

