

## Quick Reference Instructions

### cobas® liat CT/NG nucleic acid test

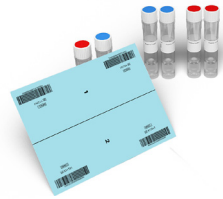
#### cobas® liat CT/NG assay kit components



- 20 assay tubes
- 2 **cobas® liat** transfer pipette packs (12 pipettes/pack)
- 1 package insert barcode card

**REF** 10030933190

#### cobas® liat CT, NG and MG control kit components



- 3 sets of controls
  - 1 negative/positive control barcode card
- Note:** Negative and positive control barcodes for **cobas® liat** CT/NG are in Section 2 of the control barcode card.

**REF** 09449639190

#### cobas® PCR Media Uni Swab Sample Kit



- 100 Uni Swab Sample Packets

#### cobas® PCR Urine Sample Kit



- 100 Urine Sample Packets

## Transporting and storing specimen


For specimen transport and shipping, follow the standards and regulations as detailed in the Instructions for Use.

If immediate testing is not possible, store urine samples in **cobas®** PCR Media up to 3 hours at room temperature (15-30 °C) or up to 48 hours at 2-8 °C.

If immediate testing is not possible, store vaginal swab samples in **cobas®** PCR Media up to 24 hours at room temperature (15-30 °C) or up to 72 hours at 2-8 °C.

Run specimen transferred into a **cobas® liat** CT/NG assay tube as soon as possible or store it up to 4 hours at room temperature (15-30 °C).

## Collecting specimen and performing cobas® liat CT/NG test

 Read the Instructions For Use and the User Guide for complete test procedure and information before proceeding with test.

This test is only for urine or vaginal swab specimens.

Obtain the following materials:

### For collecting specimen

For collecting urine specimen

- 1 Urine Sample Packet

or

For collecting vaginal swab specimen

- 1 Uni Swab Sample Packet

### For performing cobas® liat CT/NG test

- 1 cobas® liat CT/NG assay tube
- 1 cobas® PCR Media tube with specimen
- 1 transfer pipette

**Note:** Do not use a damaged, dropped, or previously used assay tube.

## 1A Collecting urine specimen

Collect urine specimen according to the cobas® PCR Urine Sample Kit Instructions for Use.



or

## 1B Collecting vaginal swab specimen

Collect vaginal swab specimen according to the cobas® PCR Media Uni Swab Sample Kit Instructions for Use.



## 2 Running a cobas® liat test

From the **Main** menu, choose **Run Assay** and choose the **Select** button. Then **Scan** the assay tube barcode.



**3 Scan** the sample ID barcode, or choose **Enter** to enter the ID manually.

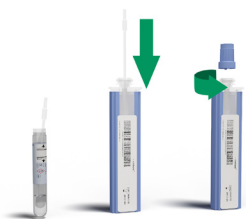
**Note:** Depending on analyzer configuration, if required to confirm the received patient information, choose the **Confirm** button.



**4 Firmly squeeze the bulb of the transfer pipette, lower it into the sample liquid, and release the bulb to draw up the sample.**

Slowly transfer the sample into the assay tube by squeezing the bulb, and then recap the assay tube.

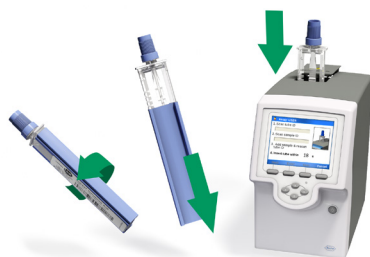
**Note:** Do not puncture the assay tube or the seal at the bottom of the sample compartment. If either of these is damaged, discard the assay tube and the transfer pipette. Restart the testing procedure with new assay components.



**5** Choose **Scan** and rescan the assay tube barcode.



**6** Turn the assay tube. Remove the assay tube sleeve and then insert the assay tube into the analyzer tube entry door. Processing begins automatically.

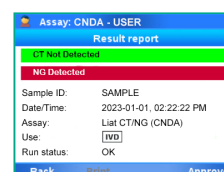


**7** When the assay run is complete, remove and discard the assay tube.



**8** Choose the **Report** button to view the result report.

To return to the **Main** menu, choose **Back** and then choose the **Main** button.



**Note:** For result interpretation, refer to Table 1.

## Lot validation procedure

For each new lot of assay tubes, controls must be run. Use the lot validation procedure to validate assay tube lots on the **cobas® liat** analyzer.

Obtain the following materials:

- 2 **cobas® liat** CT/NG assay tubes
- 1 set of controls
- 1 package insert barcode card
- Negative/positive control barcode on negative/positive control barcode card
- 2 transfer pipettes

**Note:** Additional control runs should be performed in accordance with local, state, federal and/or accrediting organization requirements.

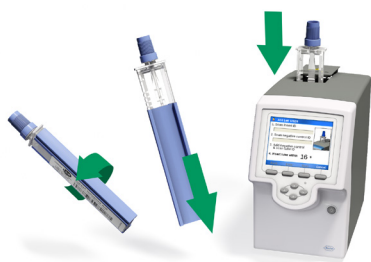
### 3 Negative control run

Check that the lot number on the negative/positive control barcode card matches the control tube lot number.

Choose **Scan** and scan the negative control barcode in **Section 2** of the negative/positive control barcode card.



6 Turn the assay tube. Remove the assay tube sleeve and then insert the assay tube into the analyzer tube entry door. Processing begins automatically.



### 1 Initiating a lot validation procedure

From the **Main** menu, choose **Assay Menu**.

From the **Assay Menu**, choose **[New Lot]**.



2 Choose **Scan** and scan the package insert barcode from the package insert barcode card.

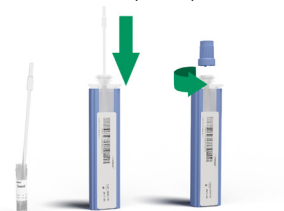
**Note:** You may be prompted to confirm that you have read the Package Insert, i.e. Instructions For Use.



4 Firmly squeeze the bulb of the transfer pipette, lower it into the liquid, and release the bulb to draw up the control. Slowly transfer the control into the assay tube by squeezing the bulb, and then recap the assay tube.

**Note:** Do not puncture the assay tube or the seal at the bottom of the sample compartment. If either of these is damaged, discard the assay tube and the transfer pipette. Restart the testing procedure with new assay components.

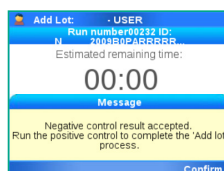
**Note:** Do not puncture the assay tube or the seal at the bottom of the sample compartment. If either of these is damaged, discard the assay tube and the transfer pipette. Restart the testing procedure with new assay components.



5 Choose **Scan** and scan the assay tube barcode.



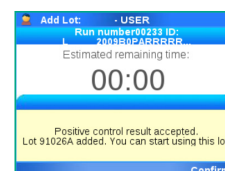
7 Once the negative control result is accepted, choose **Confirm**. Then remove and discard the assay tube.



8 Choose **Back** and repeat steps 3–6 for the positive control using the positive control barcode in **Section 2** of the negative/positive control barcode card.

When the positive control result is accepted you can begin using the lot. Choose **Confirm** and navigate **Back** to the **Main** menu.

**Note:** If the result is rejected, repeat the control run. If repeated control run is still rejected, contact your local Roche representative.



**Note:** For result interpretation, refer to Table 2.

## Result interpretation

**Table 1.** Interpretation of **cobas® liat** CT/NG results when running a sample.

<b>cobas® liat analyzer display</b>	<b>Result interpretation</b>
<b>CT Not Detected</b>	Valid negative test for CT (no CT detected).
<b>CT Detected</b>	Valid positive test for CT (CT present).
<b>CT Invalid</b>	Presence or absence of CT could not be determined. Repeat assay with same sample.
<b>NG Not Detected</b>	Valid negative test for NG (no NG detected).
<b>NG Detected</b>	Valid positive test for NG (NG present).
<b>NG Invalid</b>	Presence or absence of NG could not be determined. Repeat assay with same sample.
<b>Assay Invalid</b>	Presence or absence of NG and CT could not be determined. Repeat assay with same sample.
<b>Assay Aborted by System</b>	Run failed or aborted by system. Repeat assay with same sample.
<b>Assay aborted by script: Script aborted</b>	Run failed or aborted by script. Repeat assay with same sample.
<b>Assay Aborted by User</b>	Run aborted by user.

**Table 2.** Interpretation of **cobas® liat** CT/NG results when running lot validation procedure or additional control runs.

<b>cobas® liat analyzer display</b>	<b>Result interpretation</b>
<b>Negative Control Valid</b>	Control is negative for the presence of CT and NG.
<b>Negative Control Invalid. Repeat Run</b>	Result is invalid. The Negative Control should be re-tested to obtain valid result. Repeat run.*
<b>Positive Control Valid</b>	Control is positive for the presence of CT and NG.
<b>Positive Control Invalid. Repeat Run</b>	Result is invalid. The Positive Control should be re-tested to obtain valid result. Repeat run.*

**Note:** \*If the repeated run is still invalid, contact your local Roche representative.

## Roche support

If you have any questions or problems, contact your local Roche representative:

[https://www.roche.com/about/business/roche\\_worldwide.htm](https://www.roche.com/about/business/roche_worldwide.htm)

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## Warnings and precautions



Handle samples, used assay tubes, and transfer pipettes according to laboratory best practices.

Clean instruments and surrounding surfaces according to instructions provided in the cleaning section of the **cobas® liat** system User Guide.

Follow your institution's safety procedures for working with chemicals and handling biological samples.

## Document revision information

Doc Rev. 1.0

12/2024

First publication.