

ADAM CellT Plus

QC Slide

User Manual



Quality Control

The QC slide is used for “QC mode” of ADAM™ CellT Plus to monitor the accuracy and viability of the instrument. It allows quick diagnosis and reduces concerns of customers by checking the accuracy of the instrument frequently.

QC Slide is used

- to provide absolute particle numbers
- to calibrate the automatic focus
- to check the position of the slide stage

QC Slide

QC Slide information

- QC Slide for ADAM™ CellT Plus (QCS-002)
- Ex 527 nm, Em 525 nm / Ex 359 nm, Em 457 nm
- Acceptance range: Found at the top of the QC Slide or plastic case
- Acceptance peak size: 13 ~ 16 μm
- Dimensions: 74.9 mm (W) x 24.9 mm (D) x 2.0 mm (H)

Storage & Handling

- Store the QC Slide in a case at room temperature when not in use.
- Protect the QC Slide from light until used.
- Be careful not to damage the slide as it is made of glass.
- Avoid contamination when handling, as contamination on the back of the slide may affect counting.

※ Please avoid contamination at all times. Clean the testing area with a laboratory tissue moistened with 70% ethanol prior to use.

- Do not freeze.
- Expiration date: 1 year

Quality Control Protocol – Foreign particle inspection, optional

Foreign particle inspection – without QC Slide

A red dashed rectangular box containing a grey square icon with three horizontal lines and the word "Measure" in a sans-serif font.

1. Go to Measure tab.
2. Without inserting a slide, press Start button to begin counting.
3. Check the result on the ADAM™ CellT Plus.

Data analysis

The results of measure test should have a value of 0 (zero).

Quality Control Protocol – test

Performance test - with QC Slide

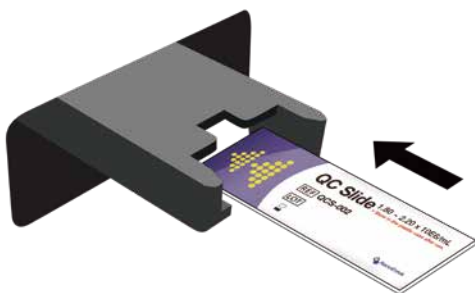


- 1) Activate the ADAM™ CellIT Plus QC mode using QC slide lot number and *activation code**.
- 2) Please register the QC slide lot number in the 'QC' tab QC slide 'Edit' button.
- 3) Insert the QC Slide and operate the instrument.
- 4) Check the result on the ADAM™ CellIT Plus QC mode screen or test report.

※ For more information about activation of QC mode, refer to page 3.

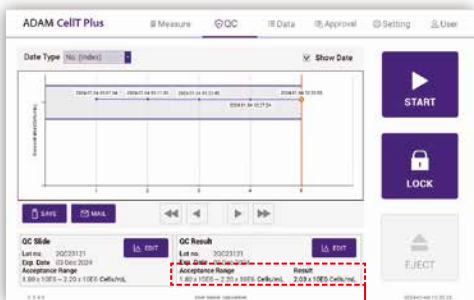
How to correctly insert QC Slide

Make sure to insert the QC Slide correctly following the direction of arrow.



This side of slide should be facing up.

☞ See ADAM™ CellIT Plus instrument manual for detailed instructions.



QC Slide result

Data Analysis

- 1) The result of performance test 2 should meet the 'Acceptance range' in the QC slide.
(Example: $1.80 \sim 2.20 \times 10E6/mL$)
- 2) Acceptance peak size check.
(Peak graph value: $13 \sim 16 \mu m$)

- a. Click the 'QC' tab-'SAVE' or 'MAIL' button on ADAM™ CellIT Plus screen.
- b. Check the QC Slide peak size (See cell size information) in the exported ADAM™ CellIT Plus test report. (PDF)
- c. Checking the peak size is for additional review, and should be performed if the result is outside of the acceptance range.

Experiment Date Time :	2024-01-04, 10:30 AM
Slide Lot :	20C23121
Exp. Date :	03 Dec 2024
Acceptance Range :	$1.80 \times 10E6 \sim 2.20 \times 10E6$ Cells/mL
Acceptance Slide Peak Size :	13~19 μm
Concentration :	$2.03 \times 10E6$ Cells/mL
Slide Peak Size :	15 / 19 μm
Result :	Pass

QC Slide peak size

Activation of QC mode

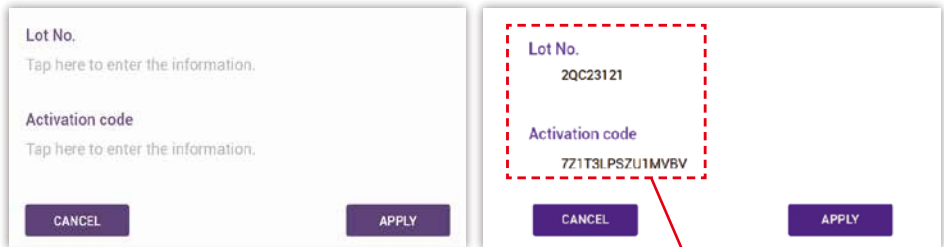
To activate 'QC' mode, an activation code should be entered.

1) Select 'QC' tab from top menu.



2) Enter lot no. and activation code. Then, click 'APPLY' button.
Slide lot no. and activation code can be found on the plastic package label.
See below for details.

※ **Note:** A unique activation code is given for each instrument, and its authenticity can be checked by registering activation code.



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