

i-STAT Quality Control cTnI Procedure



Health
Pathology

Frequency: i-STAT cTnI QC must be run upon receipt of stock (for each lot number) and or monthly basis respectively.

Materials Required:

1. 2 x Troponin cartridges
2. cTnI control level 1 & level 2

Control material is stable for 30 days after opening. Write new expiry date in the space provided and return QC material to the refrigerator.

cTnI cartridges should be allowed to stand at room temperature for ~5 minutes prior to testing.



Actions:

Results will be displayed after 10 minutes indicating **PASS** or **FAIL**.

FAIL cTnI cartridge - rerun using same vial.

If cartridges fails a second time contact your Hub Coordinator.

PASS cTnI cartridge - sign and date maintenance log to indicate QC has been performed.

While results are displayed, select 1-Test Options and remove cartridge.

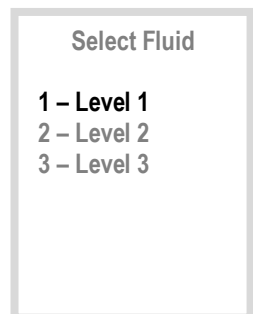
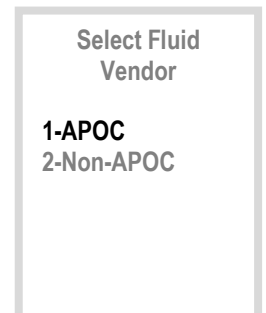
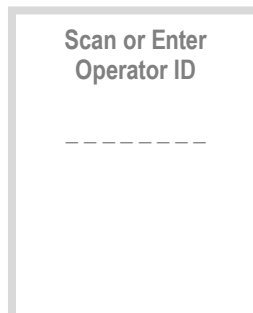
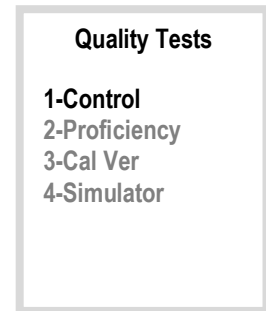
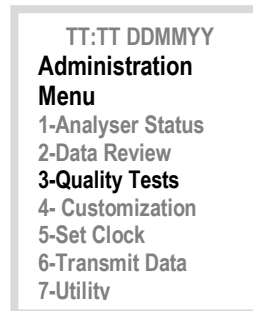
To test next cartridge or QC vial, select “Next Test” and follow above instructions.

Otherwise return to your Administration Menu. When testing completed, return i-STAT to dock.

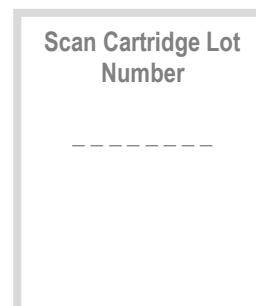
i-STAT Quality Control cTnl Procedure

Procedure:

1. Prepare analyser: Remove i-STAT from dock
 - a) Press “Menu” button until “Administration Menu” is displayed.
 - b) From the Administration Menu select: 3 - Quality test
 - c) 1 - Control
 - d) Scan or enter Operator ID
 - e) Select fluid vendor (1 – APOC Abbott Point Of Care)
 - f) Select QC Level
 - g) Scan control lot number (located on vial)
 - h) Scan cartridge barcode



**From Insert Cartridge screen, you have
15 minutes to insert your loaded cartridge.**



2. Loading your i-STAT cartridge:
 - a) **Invert** the vial several times (Until mixed).
 - b) Open the vial, dispense 1-2 drops to waste.
 - c) Dispense a single large drop of liquid QC into cartridge well.
 - d) Slide close the cartridge and insert into the i-STAT analyser.