



KAISER PERMANENTE®
COLORADO LABORATORY
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iSTAT ELECTRONIC SIMULATOR

PRINCIPLE

The electronic simulator check is performed each 8 hours of patient testing as required for regulatory compliance.

PROCEDURE

1. Store the electronic simulator at room temperature, (18-30° C) and protect contact pads from contamination by placing in its protective case.
2. Power on the iSTAT – the screen will read “iSTAT” simulator test required.” “1-continue.” Press 1.
3. Press Menu.
4. Select #3 Quality Tests.
5. Select #4 Simulator.
6. Type your NUID without the letter. Press Enter.
7. Scan simulator barcode.
8. Insert Simulator into iSTAT.
9. Verify ***once each 8 hours of patient testing***, the performance of each analyte in the iSTAT System using the Electronic Simulator
 - a. If **PASS** is displayed on the analyzer screen:
 - Remove the Electronic Simulator after the LCK message disappears from the display screen
 - The analyzer is ready for use
 - Record the results on the Simulator QC Log sheet

- b. If **FAIL** is displayed on the analyzer screen:
- Repeat the procedure with the same Electronic Simulator
 - If PASS is displayed, the analyzer is ready for use
- c. If **FAIL** is DISPLAYED on the Second Electronic Simulator test
- DO NOT analyze patient samples
 - Record the failure on the iSTAT QC Log Sheet
 - Call iSTAT Technical Service to troubleshoot