



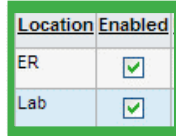
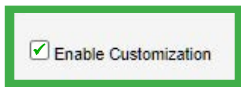
# i-STAT/DE Customizing Reference and Action Ranges

## 1 Access the Customization Workspace Notes:

- Feature is not customizable on the i-STAT 1 analyzer.
- Care should be taken to enter Reference and Action Ranges within the Reportable Ranges provided in the i-STAT Cartridge Instructions for Use (IFU) and Cartridge and Test Information (CTI) sheets located at [www.pointofcare.abbott](http://www.pointofcare.abbott).
- Care should be taken to enter the same units as selected in the Unit Set Window.

## 2 Make sure the “Enable Customization” box has a check mark in it.

Also, make certain that the **Enabled** box is checked for the particular location to which the i-STAT 1 analyzer is assigned.



## 3 If the location where this analyzer is assigned has a check mark under the ① Uses Default column, click the alphanumeric code under ② Preferences in the ③ Default Customization Profile column. Otherwise, click the alphanumeric code under ④ Preferences for the specific location to which this analyzer is assigned.

The screenshot shows the 'Default customization profile' window on the left and a table of 'Location-based customization profiles' on the right. The table has columns for Location, Enabled, Uses Default, Update CLEW, i-STAT Analyzer CLEW, Philips BAM CLEW, and Preferences. The 'Uses Default' column has checkmarks for all locations. The 'Preferences' column contains alphanumeric codes like 1192234J. The 'Default customization profile' window has a 'Preferences' dropdown menu with 1192234J selected.

## 4 Once the Preferences window opens, click on the Results tab.



## 5 In the Reference and/or Action Ranges Section use the page numbers below the table to find the analyte row, which you wish to customize.

Analyte	Reference Ranges		Action Ranges		Custom Reportable Ranges		Edit
	Low	High	Low	High	Low	High	
Na	138	146	-99999.9	99999.9	-99999.9	99999.9	Edit
K	3.5	4.9	-99999.9	99999.9	-99999.9	99999.9	Edit
Cl	98	109	-99999.9	99999.9	-99999.9	99999.9	Edit

## 5 CONTINUED

To Customize the **Reference** and/or **Action** range, select the analyte, click ① **Edit**, enter in the value for the **Low** and/or the **High** that is within the Reportable Range provided in the IFU or CTI sheets. Click on ② **Update** to save or ③ **Cancel** to cancel.

Reference Ranges		Action Ranges		Custom Reportable Ranges		Edit
Low	High	Low	High	Low	High	
138	146	-99999.9	99999.9	-99999.9	99999.9	①

Reference Ranges		Action Ranges		Custom Reportable Ranges		Update Cancel
Low	High	Low	High	Low	High	
138	146	-99999.9	99999.9	-99999.9	99999.9	②

For Reference Range values and Reportable Range limits, see i-STAT Cartridge IFU and CTI sheets located at [www.pointofcare.abbott](http://www.pointofcare.abbott).

**i-STAT CG4+ Cartridges (P/N 03P85-51):** Verify that the analyzer customization settings support running the i-STAT Cartridge prior to use:

- Confirm Action and Reference Range limits for pH, PO2, and PCO2 are within the i-STAT CG4+ Cartridge (P/N 03P85-51) IFU Reportable Range limits, or the analyte(s) are disabled for the i-STAT CG4+ Cartridge panel.
- Incorrect customization of the Reference or Action Range for pH, PO2, or PCO2 will result in a display message “Invalid Cart. See Admin.” and inability to obtain test results.

**Locations using i-STAT CG4+ Cartridges (P/N 03P85-51) and other i-STAT Cartridge configurations containing pH, PCO2 and PO2 (i.e CG8+):**

The Reference and Action range for pH, PCO2 and PO2 must fall within the i-STAT CG4+ Cartridges (P/N 03P85-51) IFU. If a wider Reference or Action range is needed for an analyte such as pH on the i-STAT CG8+ cartridge, then disable pH on the i-STAT CG4+ Cartridge panel. See *Customizing Analyte Enable Options* Quick Reference Guide located at [www.pointofcare.abbott](http://www.pointofcare.abbott).

**i-STAT CG4+ Cartridges (P/N 03P85-51) for Lactate results only:** The Reference and Action Range for pH, PCO2 and PO2 must fall within the Reportable Ranges in the i-STAT CG4+ Cartridges (P/N 03P85-51) IFU or the pH, PO2 and PCO2 analytes must be disabled by panel for the i-STAT CG4+ cartridge. See *Customizing Analyte Enable Options* Quick Reference Guide located at [www.pointofcare.abbott](http://www.pointofcare.abbott).

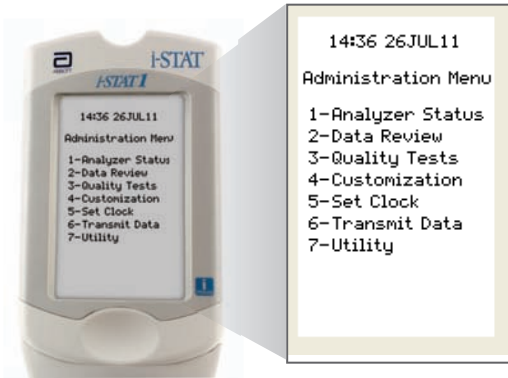
## 6 Click OK and answer OK to the question "Do you want to change Preferences?"

## 7 Dock the analyzer(s) in the downloader which corresponds to the location to which the analyzer is assigned This action will upload the chosen customization features into the analyzer. Repeat step 7 for all analyzers from the same location to be customized. To customize analyzers from other locations for the same features, return to step 2.

# Confirming Custom Action/Reference Ranges on the i-STAT 1 Analyzer and Display Screens

**1** To view the Reference and Action range on the analyzer, power on the analyzer and press **MENU** once to get to the Administration Menu.

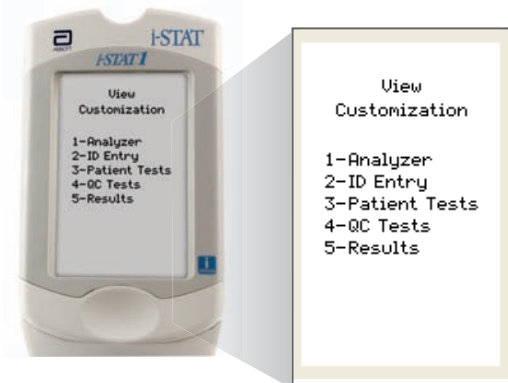
**2** Press **4-Customization**.



**3** Press **1-View**.



**4** Press **5-Results**.



**5** Press **1-Act/Ref Ranges**.



**6** View the displayed reference and action ranges. Press the **→** key to view more analytes and their related ranges.

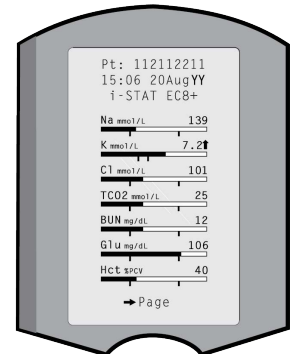
## Reference Range

Reference ranges are marked on the bars by tic marks, the tic marks will be centrally aligned when results fall within the reference range. The bar graphs can be used as a visual cue for distinguishing between "normal" and "abnormal" results. Blood gas, coagulation, and immunoassay results are not displayed with bar graphs and reference ranges.

## Action Range Flags

**Action Range - Low**, A "↓" will append the result that falls outside the action range low value.

**Action Range - High**, A "↑" will append the result that falls outside the action range high value.



## Display Message

**i-STAT CG4+ Cartridges (P/N 03P85-51):** Display Message occurs upon scanning the cartridge pouch barcode using an analyzer customized with a Reference or Action Range for pH, PCO2, or PO2 that is outside the reportable range noted in the IFU for the i-STAT CG4+ Cartridges (P/N 03P85-51).



**Note:** Images are for representational purposes only.