**KAISER PERMANENTE**
COLORADO LABORATORY

## SYSMEX XT-1800*i* CAP PROFICIENCY SURVEY ANALYSIS PROTOCOL

**PURPOSE**

To standardize the way CAP PT survey is analyzed on the sampler and closed mode of the Sysmex XT-1800*i*

**NOTES**

1. Do not put the LIS accession number label on the proficiency survey samples. The instrument must analyze the sample with the "unregistered QC sample" deselected in order to have differential results.
2. Run the samples through the sampler mode of the analyzer by following the steps below. Use this result as the "primary" instrument result. Only the primary instrument results are graded by CAP.

**SAMPLER MODE**

1. From the main menu, click on the [Controller] button.
2. Double click on the SETTINGS icon.
3. Click on the [ID Reader} tab and deselect the ID Reader box.
4. Click [Apply} to save this setting.
5. Select [Sampler Stop Conditions] tab and deselect [Unregistered QC Sample].
6. Click [OK] to save this setting and exit this screen.
7. Place the proficiency sample in rack **one at a time**. With a "Ready LED" light on, place the rack on the Right Rack Pool of the Sampler unit.
8. Click the [Sampler] icon in the upper left of the screen or press [F3] on the keyboard.
   a. Using the keyboard, manually enter an 8-digit number for the proficiency sample in the "Sample No" field.
   b. Always type the prefix **QC-** before the sample number. (QC must always be in capital letters followed by a dash).
   c. Example: QC-FH1001
9. Click [Sampler Start] in the dialog box or press [ENTER] on the keyboard.
10. Click [OK] on the IPU Screen or press [ENTER] on the keyboard.
    a. The analyzer will display the following error message on each sample: "Control Entry ERR'. This message occurs because the instrument reads the survey sample as QC material and cannot find a QC file to plot the results in. Since these results should not be plotted in a QC file, ignore the "Help" screen message. To eliminate the "Help" screen after completing the survey analysis, click [OK], then [CANCEL] on the "Help" screen.
11. To print the survey results return to [Sample Explorer] and highlight the survey samples. To highlight multiple survey samples, click on the first sample and continue to hold down the left mouse click while dragging the cursor to highlight all the survey samples in the Explorer list.

After all samples are highlighted, click [Report] in the text menu at the top of the screen, then click on "Report (G)" in the drop down menu.