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Cc: Samartha Anekal[sanekal@theranos.com]; Gary Frenzel[gfrenzel@theranos.com]
From: Jared OLeary
Sent: Wed 11/27/2013 5:46:30 PM
Subject: 3.5 Reader Quality Control Test

Hi ELISA:

The SIV team has developed our own DailyQC procedure that only tests device performance. Every Monday and Thursday (and soon, hopefully every day), we will be running one QC cartridge on all of the green devices in Normandy and CLIA. We will then analyze the data and provide a pdf file in the following location for you:

S:\Data Transfer\Daily QC_SIV\Output

Once you reach this location, click on a folder that has the most recent date, and open a pdf file within this folder. The pdf file will show a graph that tracks your device's performance over time (i.e. tracks whether or not your device has deviated sufficiently far away from what we determined was its average performance). This way you will be able to see:

1. If your device's performance is deteriorating over time
2. If an imprecise or inaccurate assay result is likely caused by device malfunction (for example, if said device yielded very low RLU's on an assay, and the device's most recent DailyQC data was not consistent with previous data, it is reasonable to assume there is a device error as opposed to a chemistry one, and vice-versa).

Every Monday and Thursday the output folder will be updated. If anyone has any questions about how to interpret/read the pdf file, please let me know.

I hope this helps!

Best,

Jared