

Message

From: Daniel Young [/O=THERANOS ORGANIZATION/OU=FIRST ADMINISTRATIVE GROUP/CN=RECIPIENTS/CN=DYOUNG]
Sent: 4/21/2013 12:18:05 AM
To: Sunny Balwani [/O=THERANOS ORGANIZATION/OU=First administrative group/cn=recipients/cn=sbalwani]
CC: Elizabeth Holmes [/O=THERANOS ORGANIZATION/OU=First Administrative Group/cn=Recipients/cn=eholmes]
Subject: RE: assays for fda filing

For the top 75 whole blood tests, only the following are still under development.

- Troponin I
- Malaria

The following still need final integration on the device:

- CBC/WBC
- PT / aPTT
- Blood typing (rh/abo)
- Blood gases

The flu tests (A, B, H1N1 2009, H1N1 seasonal, H3N2) and step A are 95% completed. They are still completing the pre-validation before moving the tests to CLIA for validation. Progress on the next set of assays is moving well – the primer design algorithm has been enhanced to yield a much higher success rate which is making screening more efficient.

We plan to start running TNAAs tests on the 4s device next week. And also we will be testing the new sample extraction process on the device.

-Daniel

From: Sunny Balwani
Sent: Friday, April 19, 2013 10:04 PM
To: Daniel Young
Cc: Elizabeth Holmes
Subject: RE: assays for fda filing

Just the gc, elisa and cyto in while blood.

Did Pranav finish all 6 of his flu assays from march? I know he said he finished 4 by 3/31 and was pushing th get the other 2 in first week of april.

From: Daniel Young
Sent: Friday, April 19, 2013 10:01 PM
To: Sunny Balwani
Cc: Elizabeth Holmes
Subject: RE: assays for fda filing

Hi Sunny, just to make sure, do you mean the first 75 assays which span general chemistry, ELISA, cytometry in whole blood? Or the TNAAs blood tests?

Thanks,
Daniel

From: Sunny Balwani
Sent: Friday, April 19, 2013 7:17 PM

To: Daniel Young
Cc: Elizabeth Holmes
Subject: assays for fda filing

Are all the assays for our first blood cartridge complete?