

**To:** Elizabeth Holmes[eholmes@theranos.com]; Daniel Young[dyoung@theranos.com]  
**Cc:** Sharada Sivaraman[ssivaraman@theranos.com]  
**From:** Surekha Gangakhedkar  
**Sent:** Fri 8/30/2013 8:38:48 PM  
**Importance:** Normal  
**Subject:** FW: missing data from 3.5 runs  
**Received:** Fri 8/30/2013 8:38:50 PM  
[TPSA Assay Validation Summary.xlsx](#)

Hi Elizabeth,

We had issues with all runs on the 3.5 yesterday as none of the runs completed due to temperature not being reached and pipette initialization errors so we have to repeat those runs (for Vitamin D). The software team is working on addressing other issues.

Daniel – Please review data so far on the 3.0 for TPSA. We did have lots of errors due the cartridges failing due to the blood tip drop off issue ( due to the absence of labels). We are presently testing 30 cartridges with a fix in place. Please advise on if the data points will have to be repeated ?

Thanks,

Surekha

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**From:** Sekhar Variam  
**Sent:** Friday, August 30, 2013 1:25 PM  
**To:** Tina Noyes; Earl Solis; Samartha Anekal; Michael Craig  
**Cc:** Surekha Gangakhedkar; Sharada Sivaraman  
**Subject:** RE: missing data from 3.5 runs

Hi Tina:

None of the runs completed and we don't have any results on the database.

Protocol Execution failed for the following barcodes because temperature was not reached

91245647700100442

91245647700100498

91245647700100500

For the remaining barcodes, I think there was an issue in initializing the pipette. I confirmed it on E000240, but could not confirm on the remaining devices.

The error was not getting propagated and thus it gave the notion that the protocol is still running. We have fixed the issue and Michael should be updating the devices whenever he can.

Remaining barcodes

91245647700100474

91245647700100504

91245647700100515

91245647700100530

The devices are

Confidential

THPFM0001766841

E000240 (Unable to initialize pipette)

E000181

E000189

E000234

**Sam:**

We are getting a number of Pipette initialization error. Should we be handling this error differently.

-Sekhar

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**From:**Tina Noyes

**Sent:** Friday, August 30, 2013 11:51 AM

**To:** Sekhar Variam; Earl Solis; Samartha Anekal

**Cc:** Surekha Gangakhedkar; Sharada Sivaraman

**Subject:** missing data from 3.5 runs

Following barcodes do not appear in alchemist - could be reader software issue, temp not reached, or data not sent. Can you help me find the source of the problem and if the data exists, retrieve it?

Thanks

091245647700100530

091245647700100515

091245647700100504

091245647700100474

091245647700100442

091245647700100498

091245647700100500