

**To:** Erika Cheung[echeung@theranos.com]; Mark Pandori[mpandori@theranos.com]; Adam Rosendorff[arosendorff@theranos.com]  
**Cc:** Aurelie Soupe[asoupe@theranos.com]; Jamie Liu[jliu@theranos.com]; Romina Riener[rriener@theranos.com]  
**From:** Langly Gee  
**Sent:** Fri 3/28/2014 6:37:22 PM  
**Importance:** Normal  
**Subject:** RE: Failed QC  
**Received:** Fri 3/28/2014 6:37:24 PM

Erika:

Both

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**From:** Erika Cheung  
**Sent:** Friday, March 28, 2014 11:37 AM  
**To:** Mark Pandori; Langly Gee; Adam Rosendorff  
**Cc:** Aurelie Soupe; Jamie Liu; Romina Riener  
**Subject:** RE: Failed QC

Is this for CAPSYS or Hand-filled cartridges or both?

Thanks,

Erika

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**From:** Mark Pandori  
**Sent:** Friday, March 28, 2014 11:09 AM  
**To:** Langly Gee; Adam Rosendorff  
**Cc:** Aurelie Soupe; Erika Cheung; Jamie Liu; Romina Riener  
**Subject:** RE: Failed QC

Langly,

Exactly what I wanted. Thank you.

However now, I am tempted to ask for how many of these failures resulted in re-calibration?

From that, we could calculate how much time it takes to run the average Edison patient, with all failures inclusive to that calculation. Is this data readily obtainable?

I will include this in my Issues Reports.

Mark Pandori

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**From:** Langly Gee  
**Sent:** Friday, March 28, 2014 10:25 AM  
**To:** Mark Pandori; Adam Rosendorff  
**Cc:** Aurelie Soupe; Erika Cheung; Jamie Liu; Romina Riener  
**Subject:** Failed QC

Mark:

The other day you asked for a number of failed QC ELISA runs. For March, 26% runs failed.

### March ELISA QC FAILURES

	Failed	Failed		
Assay	Low Level	High Level	Total Runs	% Failures
Vitamin D	11	3	77	18.2
TT4	6	5	47	23.4
TT3	11	9	39	51.3
ft4	4	4	40	20.0
tPSA	4	11	51	29.4
TSH	0	2	43	4.7
TST	4	10	31	45.2
<b>Total</b>	<b>40</b>	<b>44</b>	<b>328</b>	<b>25.6</b>