

**To:** Chinmay Pangarkar[cpangarkar@theranos.com]; Daniel Young[dyoung@theranos.com]  
**From:** Sunny Balwani  
**Sent:** Thur 6/5/2014 12:48:02 AM  
**Importance:** Normal  
**Subject:** RE: hCG testing  
**Received:** Thur 6/5/2014 12:48:00 AM

Thanks.

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**From:** Chinmay Pangarkar  
**Sent:** Wednesday, June 4, 2014 5:45 PM  
**To:** Sunny Balwani; Daniel Young  
**Subject:** RE: hCG testing

We are doing a study to establish the cut-off between OORL and INVALID results. This cut-off is currently set based on historical data and this has caused a few cases of spurious INVALIDs.

Also as part of this, we will be re-doing IQP for hCG. The last IQP was performed on 5/6 and demonstrated good concordance.

Thanks

Chinmay

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**From:** Sunny Balwani  
**Sent:** Wednesday, June 04, 2014 5:14 PM  
**To:** Daniel Young; Chinmay Pangarkar  
**Subject:** RE: hCG testing

Whats the study?

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**From:** Daniel Young  
**Sent:** Wednesday, June 4, 2014 5:09 PM  
**To:** Sunny Balwani; Chinmay Pangarkar  
**Subject:** RE: hCG testing

I was just speaking with Adam about this. We will hold the result until the study we are running today on the Edison assay is done. Data should be ready tonight to review.

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**From:**Sunny Balwani  
**Sent:** Wednesday, June 04, 2014 5:06 PM  
**To:** Daniel Young; Chinmay Pangarkar  
**Subject:** FW: hCG testing

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**From:** Hoda Alamdar  
**Sent:** Wednesday, June 4, 2014 5:03 PM  
**To:** Adam Rosendorff; CLS  
**Subject:** RE: hCG testing

Hi Adam,

I see some results in LIS for HCG from Edison (patient: . The result is OORL; can we release this patient or we only release HCG from Immulite?

Thanks

Hoda

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**From:** Adam Rosendorff  
**Sent:** Friday, May 30, 2014 7:53 PM  
**To:** CLS  
**Subject:** RE: hCG testing

Correction:

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**From:** Adam Rosendorff  
**Sent:** Friday, May 30, 2014 7:52 PM  
**To:** CLS  
**Subject:** hCG testing  
**Importance:** High

(1) ALL FURTHER HCG TESTING (CTN OR VACUTAINER) IS TO BE RUN ON THE IMMULITE

(2) HOLD ALL EDISON CTN RESULTS- DO NOT RELEASE

(3) @ ANAM CONTACT PENDING HCG FOR REDRAW IF THERE INSUFFICIENT VOLUME TO RUN ON IMMULITE (25uL)

ADAM

Adam Rosendorff, MD, FASCP

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