Ok

On May 9, 2014, at 8:57 PM, "Daniel Young" <dyoung@theranos.com> wrote:

> The studies to determine the final solution are planned to be complete next week. Then I plan to test the solution for several days before going live with it. So go live in about a week and a half is the working plan.
>
> -Daniel
>
> On May 9, 2014, at 8:50 PM, "Elizabeth Holmes" <eholmes@theranos.com> wrote:
>
> > I'll take a look. If the bias correction is robust we should implement it. What is timeline on the final solution.
> >
> > On May 9, 2014, at 8:38 PM, "Daniel Young" <dyoung@theranos.com> wrote:
> >
> > > The ISEs are indeed leading to many reruns still. I sent Sunny an hour ago an update on the progress/studies to resolve the ISE issues moving forwards – and I think we are getting close to mastering this and having a unique/novel solution.
> > >
> > > In the meantime before a final solution is implemented, running neat plasma is an option, but not a very good one clearly.
> > >
> > > Alternatively, we have been looking at implementing a bias correction for the short term to deal with ISE results that are trending high. If this analysis proves robust, I think we can roll this in on Tuesday. Please let me know your thoughts.
> > >
> > > -Daniel

**From:** Sunny Balwani
**Sent:** Friday, May 09, 2014 8:08 PM
**To:** Daniel Young; Elizabeth Holmes
**Subject:** Fwd: ISE Output - 5/9/2014 3:30:17 PM

Begin forwarded message:

> **From:** Adam Rosendorff <arosendorff@theranos.com>
> **Date:** May 9, 2014 at 8:07:26 PM PDT
> **To:** Sunny Balwani <sbalwani@theranos.com>
> **Subject: FW: ISE Output - 5/9/2014 3:30:17 PM**

Sunny

Sorry to bother you. I'd like to correct our ISE problem. Please see Hoda's email below. It is my opinion that Sodium, Potassium and Chloride should have a dedicated CTN and be run neat on the ADVIA.

I am available anytime over the weekend.

Regards,

Adam

Sent from my Windows Phone

**From:** Hoda Alamdar
**Sent:** 5/9/2014 7:40 PM
**To:** Adam Rosendorff; Mark Pandori
**Cc:** CLS
**Subject:** FW: ISE Output - 5/9/2014 3:30:17 PM

Almost every ISE sample needs a re-run since they are high; most of the time the re-run value is also high or the same. Is there a way we can have limit on re-runs? See Tina's email below.

Thanks

Hoda

---

**From:** Tina Lin
**Sent:** Friday, May 09, 2014 7:08 PM
**To:** Ellen Tsang; Melissa McCormack; Bryon Bailey
**Cc:** CLS; Daniel Young; Nishit Doshi; Curtis Schneider; Nicholas Haase
**Subject:** RE: ISE Output - 5/9/2014 3:30:17 PM

Can you also rerun ISEs for 24946, 23946, 24161, and 22835 on tray SCU000993?

Thanks,

Tina

---

**From:** Tina Lin
**Sent:** Friday, May 09, 2014 7:05 PM
**To:** Ellen Tsang; Melissa McCormack; Bryon Bailey
**Cc:** CLS; Daniel Young; Nishit Doshi; Curtis Schneider; Nicholas Haase
**Subject:** FW: ISE Output - 5/9/2014 3:30:17 PM

Hi Ellen, Melissa, Bryon,

Can you please rerun CTNs #22862, 31980, 24975, 22841, 22864, 22197, 22213, 22191, 24838, 24955, 24847, 22385, 24867, 22739, 22845, 24602 from plate SCU001002?

CLSs – the sample for 24189 showed clots, and a redraw might be needed.
See photo attached.



Thanks,


Tina