Amanda Reeves

ARQ/

From:

Justin Howes

Sent: To: Friday, 4 March 2016 2:15 PM Jacqui Wilson; Amanda Reeves

Subject:

RE:

Hi Jacqui,

Great timing in catching Luke and I together on this! We are also together on the fact that these two reads being vastly different is worth looking into further.

Thanks for raising your concern – if that wasn't done, there wouldn't be anything we could do to find out and action this outside of audit schedules.

Good work and we will follow things up here.

jah

Justin Howes BSc BA MSc (For Sci)
Team Leader - Forensic DNA Analysis
Police Services Stream | Forensic & Scientific Services | Health Support Queensland
Department of Health | Queensland Government







HealthSupport

From: Jacqui Wilson

Sent: Friday, 4 March 2016 1:58 PM

To: Amanda Reeves Cc: Justin Howes Subject:

Hi Amanda

Here's another example of where the initial slide assessment has differed greatly from the DLYS slide – initial screening was 0 sperm seen however upon examination of the DLYS slide it was 3+.

Whilst I expect that where we get AP/PSA +ve screening results we have the opportunity to further investigate the samples following DLYS extraction and profiling; what I'm concerned about is where the timeframe between deposition and recovery is such that it falls outside the window where we would expect to see the +ve AP/PSA results however sperm may still persist, so between the 4 – 7 day mark. In these cases, and I'm worried there may be some, the HVS/LVS swabs would not be tested and it's quite possible that there are sperm present. And we know that our Maxwells have been optimised to work well with low sperm/high epithelial samples.

I personally think we have an issue with the preparation of the slide itself, not in the reading of the slides; Janine phoned me to tell me about the 3+ and indicated that she had gone back to the original slide and still could not find sperm so, in my opinion, there's something wrong there.

Perhaps we could run a bit of an investigation on some mock up samples, looking at the different methods of slide preparation going back to making slides directly from the swabs, making slides from the suspensions, as is currently done, and comparing those results to the DLYS slides.

I'll leave that one with you ☺

Jax

Jacqui Wilson B App Sc M Sc Reporting Scientist, Forensic DNA Analysis Police Services Stream | Forensic & Scientific Services | Health Support Queensland Department of Health | Queensland Government



Queensland Health acknowledges the Traditional Owners of the land, and pays respect to Elders past, present and future.



Please consider the environment before printing this email