



Quality Division Use Only

Quality Tracking #:	2018-IA-21	Classification:	Incident
Non-Conformance Level:	N/A	Section:	Biology/DNA
Date of Discovery:	04/06/18	Date of Incident:	04/06/18

Forensic Case Number(s), if applicable:	Agency Case Number(s), if applicable:
2017-02807 2017-04710 2017-05387 2017-08355 2017-08358 2017-08373 2017-07898 2017-07627	017259917 029251017 033691417 053330117 053383017 048103917 038234617 047536017

Description of Non-conformance:
A Forensic Biology staff member used a surplus amount of reagent on a subset of samples during an extraction. A note was made on the worksheet indicating the samples would be evaluated for possible effects. However, there was no documentation in the respective case records indicating that an evaluation was done by the Technical Leader (and/or the individual acting as Technical Leader at the time of the event) prior to the results being reported. In addition, the Quality Division was not notified of this nonconformance when it occurred in 2017. This nonconformance was discovered during the 2018 internal audit.

Actions Taken:
The results have now been evaluated by the Technical Leader and the individual acting as Technical Leader at the time of the event. While some samples had an insufficient amount of DNA, many others yielded DNA mixtures of three or more individuals, suggesting that the increased volume of reagent did not impact the laboratory's ability to detect the DNA present on these samples. Although no deleterious effects could be theorized, the Forensic Biology laboratory consulted with a representative from two separate vendors. After these consultations, the laboratory was able to confirm this nonconformance did not impact the integrity of the data. Therefore, it was concluded that the original reporting of the results was not done erroneously.



Summary of Root Cause Analysis:

Note: Incidents are documented for tracking purposes and trend analysis. Root Cause Analysis is not required for incidents.

N/A

Additional Information/Follow-Up:

Double the amount of DTT (260uL) was used to create the master mix for samples 1 -24 on worklist ID#8012.

Section Manager: Courtney Head

Date: 05/31/18

Division Director: Amy Castillo

Date: 06/04/18

Incidents or Corrective Actions that involve the Biology/DNA section are reviewed by the Technical Leader and CODIS Administrator.

Technical Leader: Robin Guidry

Date: 06/01/18

CODIS Administrator: Jennifer Clay

Date: 06/04/2018

Quality Director: Lori Wilson

Date Closed: 06/11/18