



**THIS FORM IS FOR BIOLOGY/DNA REPORTING ONLY**

**Quality Division Use Only**

Quality Tracking #:	<input type="text" value="2017-051"/>	Date Quality Division Notified:	<input type="text" value="7/13/2017"/>
Date Submitted to Management for Review:	<input type="text" value="8/2/2017"/>	Date Submitted to Quality for Review:	<input type="text" value="8/10/2017"/>

Date of Discovery:	<input type="text" value="7/12/2017"/>	Division:	<input type="text" value="Biology/DNA Division"/>
Date of Incident:	<input type="text" value="5/17/2017"/>	Section:	<input type="text" value="Biology/DNA"/>

Forensic Case Number(s), if applicable:	Agency Case Number(s), if applicable:
2017-06692	038795817

**In this space, record details of the incident, include dates. Do not include analysts' names unless otherwise instructed by the Section Manager or Division Director(s):**

Quantifier results were not concordant with the DNA results for sample 2017-06692-1.9.1-Sperm Fraction.

**Immediate Actions Taken:**

Upon original quantification, this sample yielded a quant value of 6.9359 ng/μl. The quant value is an estimation of the amount of DNA present in a sample. A sample with a quant result of 6.9359ng/μl is expected to yield a complete DNA profile. A re-amplification request was submitted for this sample. Upon re-amplification on 06/30/17, the DNA results were consistent with the original data - no DNA profile was obtained. A re-quantification request was then submitted. The re-quantification was completed on 07/12/17 and a quant value of 0.0002 ng/μl was obtained. This quant value indicates that a minute amount of DNA may be present and is concordant with the DNA results obtained in both the original and re-amplification data. This indicates there was an error in the original quantification estimation. While it is unclear what caused this incorrect value, the internal positive control associated with this sample was lower than the average value of other positive controls on the quant plate. In addition, the amplification curves were not shaped appropriately. This indicates an error may have occurred during the quantification of this sample. The other samples on the quantification plate that went forward to amplification were checked to ensure that the quant values were consistent with the DNA data. This sample appears to be the only sample that had this inconsistency. In addition, a spot check was performed by re-quanting a sample on the original quantification plate. The re-quantification results were consistent with the original quantification results. Therefore the non-concordant



quant results obtained in 201706692-1.9.1-SF appear to be an isolated occurrence. The re-quantification results are concordant with the DNA results since this sample did not yield a DNA profile.

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**Additional Information/Follow Up (If applicable):**

**Section Manager:** Courtney Head

**Date:** 8/8/2017

**Technical Leader:** Robin Guidry

**Date:** 8/2/2017

**CODIS Administrator:** Jennifer Clay

**Date:** 8/4/2017

**Division Director:** Amy Castillo

**Date:** 8/10/2017

**Quality Director:** Lori Wilson

**Date Closed:** 8/14/2017