



South Carolina Law Enforcement Division

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FORENSIC SERVICES LABORATORY CUSTOMER NOTICE 2023-01

UPCOMING CHANGES TO DNA REPORTS July 27, 2023

The DNA Casework Department will be transitioning to updated reporting terminology for cases where semen may be present. The updated terminology is being implemented to improve the clarity of the results.

Changes to our current report wording for a differential extraction will be the following:

- The non-sperm fraction will be referred to as “Fraction 1” and the sperm fraction will be referred to as “Fraction 2”.
- A note will appear at the bottom of the reports that states:

A differential extraction is designed to physically separate the DNA in sperm cells from the DNA in non-sperm cells, in samples which potentially contain a mixture of sperm and other cell types. As a result, separate fractions are generated and the results for each fraction are reported separately. “Fraction 1” is the fraction that is enriched with DNA from non-sperm cells while “Fraction 2” is enriched with DNA from sperm cells, if present in the sample. Incomplete separation can occur, and fractions may contain both sperm DNA and non-sperm DNA.

Visual confirmation of the presence of sperm cells was not performed on these samples before or during the DNA analysis process. If examination for the presence of spermatozoa is required, please contact the analyst listed below.

Please direct any questions to the SLED DNA Casework Department at (803) 896-7383 or at sleddna@sled.sc.gov



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