



Client

Loci Forensics
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Project code

77497

Date Report

23-may-2016

Date of entry

07-apr-2016

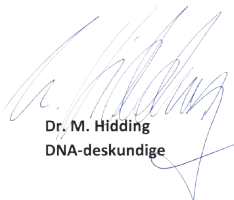
Verilabs number

20160541

Forensic DNA Report

Gun barrel swabs

Authorisation



Dr. M. Hidding
DNA-deskundige

1. Questions at issue

Is there human cell material present in the samples and whose might it be?

2. Methods

The methods and techniques used for the investigation described in this report are explained in the technical annex that can be downloaded here: <http://www.verilabs.nl/nl/vakbijlage>. BaseClear B.V. is accredited in accordance with NEN-EN-ISO/IEC 17025 (RvA L457).

3. Material received

The analysis described in this report relates to the following materials.

Table 1: material received

| Identity seal | Material | Sample code | DNA no. | Date received | Date of sampling | Received from | Notes * |
|---------------|-----------------|-------------|---------|---------------|------------------|----------------|---------|
| BS00290992 | Gun barrel swab | 11359 | 7568 | 07-apr-2016 | - | Loci forensics | - |
| BS00291027 | Gun barrel swab | 11360 | 7569 | 07-apr-2016 | - | Loci forensics | - |

* If damage or abnormalities are observed concerning the material received, it will be indicated here

4. DNA comparison

BS00290992

BS00291027

The Gun barrel swab material was cut off the stick and subjected to a DNA-extraction with the Qiagen investigator kit. The DNA extracts were subjected to a DNA analysis with the Powerplex ESI 17 Pro kit.

5. Results and conclusions

Table 2 summary of results

| SIN | DNA concentration in ng/µl | male DNA concentration in ng/µl | Cell material may originate from | Statistical evaluation |
|----------------------------|------------------------------|---------------------------------|----------------------------------|--------------------------|
| BS00290992 Gun barrel swab | 1.0500 | 0.786 | unknown man G. | Less than 1 in a billion |
| BS00291027 Gun barrel swab | under the limit of detection | under the limit of detection | - | - |

BS00290992 Gun barrel swab

A full DNA profile of a male person has been obtained from the cell material of the sample. The cell material in the sample therefore contains DNA that originates from an unknown man G. The calculated frequency of the DNA profile is less than one in a billion. This means that the probability of the DNA profile of a random person matching this DNA profile is less than one in a billion.

BS00291027 Gun barrel swab

No DNA profile was obtained from the cell material in this sample.

6. Deviations concerning the quality of the investigation or samples, remarks, actions taken

There were no deviations regarding the samples and/or our procedures.

7. Enclosures

DNA typing results

Number of attached pages of this annex: 1

8. Contact details

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