



Florida Department of Law Enforcement

Gerald M. Bailey
Commissioner

Orlando Regional Operations Center
500 W. Robinson St.
Orlando, Florida 32801-1771
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www.fdle.state.fl.us

Rick Scott, Governor
Pam Bondi, Attorney General
Jeff Atwater, Chief Financial Officer
Adam Putnam, Commissioner of Agriculture

LABORATORY REPORT
March 26, 2012

TO: Chief Bill Lee
Sanford Police Department
815 W. 13th St.
Sanford, FL 32771

FDLE NUMBER: 20120501890
SUBMISSIONS: 1 and 2
AGENCY NUMBER: 201250001136

ATTN: C. SERINO

SUBPOENAS PERTAINING TO THIS CASE
SHOULD REFER TO THE FDLE NUMBER.

VICTIM(S): Trayvon Benjamin Martin

SUBJECT(S): George Michael Zimmerman

OFFENSE(S): Death Investigation
Seminole County
2/26/2012

Anthony Gorgone
Crime Laboratory Analyst
Biology Section

REFERENCE:

This report is in reference to the following evidence submitted to the Florida Department of Law Enforcement on March 01, 2012 by C. Taylor and on March 20, 2012 by D. Smith. This report may contain conclusions, opinions, and/or interpretations made by the author.

EVIDENCE:

FDLE Item#	Agency Exhibit#	Description
3	DMS-21	Swabs collected from the gun within item # TS-1 DMS-21A Swab collected from grip DMS-21B Swab collected from trigger DMS-21C Swab collected from slide DMS-21D Swab collected from holster
4	JR-2	Buccal swabs represented as being from George Michael Zimmerman
5	ME-2	Fingernail scrapings represented as being from Trayvon Benjamin Martin ME-2A Right hand ME-2B Left hand
6	ME-3	FTA card represented as being from Trayvon Benjamin Martin
15	ME-8	Shirt represented as being from Trayvon Benjamin Martin
18	ME-12	Hoodie jacket represented as being from Trayvon Benjamin Martin



RESULTS:

Exhibit JR-2 Buccal swabs represented as being from George Michael Zimmerman
Exhibit ME-3 FTA card represented as being from Trayvon Benjamin Martin
STR DNA analysis was performed on samples from Exhibits JR-2 and ME-3 utilizing the AmpF/STR Profiler Plus and AmpF/STR COfiler PCR Amplification Kits.

Complete DNA profiles were obtained from Exhibits JR-2 and ME-3.

Exhibit DMS-21 Swabs collected from the gun within item # TS-1
Exhibit DMS-21A gave chemical indications for the presence of blood. Exhibits DMS-21C and DMS-21D failed to give chemical indications for the presence of blood.

STR DNA analysis was performed on samples from Exhibits DMS-21A, DMS-21B, DMS-21C and DMS-21D utilizing the AmpF/STR Profiler Plus and AmpF/STR COfiler PCR Amplification Kits.

Exhibit DMS-21A Swab collected from grip

The mixed DNA profile obtained from Exhibit DMS-21A demonstrated the presence of at least two individuals. A complete DNA profile for the major contributor could be determined.

This major DNA profile is consistent with originating from a male individual and matches the DNA profile from George Michael Zimmerman (JR-2).

The frequency of occurrence of the major DNA profile obtained from Exhibit DMS-21A for unrelated individuals in the following populations is approximately:

- 1 in 11 quadrillion Caucasians
- 1 in 1.5 quintillion African Americans (Blacks)
- 1 in 57 quadrillion Southeastern Hispanics

A DNA profile for the minor contributor(s) could not be determined.

Trayvon Benjamin Martin (ME-3) is excluded as a possible contributor to the mixed DNA obtained from Exhibit DMS-21A.

Exhibit DMS-21B Swab collected from trigger

Due to the limited nature of the DNA results obtained from Exhibit DMS-21B, the data obtained is not interpretable.

Exhibit DMS-21C Swab collected from slide

Due to the limited DNA results obtained from Exhibit DMS-21C, this data is insufficient for inclusion purposes. Results are consistent with the presence of at least one male individual.

No determination can be made regarding the possible contribution of George Michael Zimmerman (JR-2) or Trayvon Benjamin Martin (ME-3) to the limited DNA results obtained from Exhibit DMS-21C.

Exhibit DMS-21D Swab collected from holster

The mixed DNA profile obtained from Exhibit DMS-21D demonstrated the presence of at least three individuals. A complete DNA profile for the major contributor could be determined.

This major DNA profile is consistent with originating from a male individual and matches the DNA profile from George Michael Zimmerman (JR-2).

The frequency of occurrence of the major DNA profile obtained from Exhibit DMS-21D for unrelated individuals in the following populations is approximately:

- 1 in 11 quadrillion Caucasians
- 1 in 1.5 quintillion African Americans (Blacks)
- 1 in 57 quadrillion Southeastern Hispanics

A DNA profile for the minor contributor(s) could not be determined.

No determination can be made regarding the possible contribution of Trayvon Benjamin Martin (ME-3) to the mixed DNA profile obtained from Exhibit DMS-21D.

Exhibit ME-2 Fingernail scrapings represented as being from Trayvon Benjamin Martin

Exhibit ME-2A gave chemical indications for the presence of blood.

STR DNA analysis was performed on samples from Exhibits ME-2A and ME-2B utilizing the AmpF/STR Profiler Plus and AmpF/STR COfiler PCR Amplification Kits.

Exhibit ME-2A Right hand

No DNA results foreign to Trayvon Benjamin Martin (ME-3) were found on Exhibit ME-2A.

Exhibit ME-2B Left hand

No DNA results were obtained from Exhibit ME-2B.

Exhibit ME-8 Shirt represented as being from Trayvon Benjamin Martin

Exhibit ME-8 gave chemical indications for the presence of blood (stains A, B, D and E).

Exhibit ME-8 failed to give chemical indications for the presence of blood (stain C and general rubbings from cuff/lower sleeve regions on both arms).

Swabbings were collected from the cuff/lower sleeve regions on both arms of Exhibit ME-8 to determine the presence of any foreign DNA.

STR DNA analysis was performed on samples from Exhibit ME-8 (stains A, B, D, E and swabbings from cuffs/lower sleeves) utilizing the AmpF/STR Profiler Plus and AmpF/STR COfiler PCR Amplification Kits.

AKG

Exhibit ME-8 stain A

A complete DNA profile was obtained from Exhibit ME-8 stain A.

This DNA profile is consistent with originating from a male individual and matches the DNA profile from George Michael Zimmerman (JR-2).

The frequency of occurrence of the DNA profile obtained from Exhibit ME-8 stain A for unrelated individuals in the following populations is approximately:

- 1 in 11 quadrillion Caucasians
- 1 in 1.5 quintillion African Americans (Blacks)
- 1 in 57 quadrillion Southeastern Hispanics

There is the possibility of an additional contributor to this DNA profile.

Exhibit ME-8 stain B

A complete DNA profile was obtained from Exhibit ME-8 stain B.

This DNA profile is consistent with originating from a male individual and matches the DNA profile from Trayvon Benjamin Martin (ME-3).

The frequency of occurrence of the DNA profile obtained from Exhibit ME-8 stain B for unrelated individuals in the following populations is approximately:

- 1 in 3.9 quintillion Caucasians
- 1 in 3.0 quadrillion African Americans (Blacks)
- 1 in 290 quadrillion Southeastern Hispanics

Exhibit ME-8 stain D

The mixed DNA profile obtained from Exhibit ME-8 stain D demonstrated the presence of at least two individuals. Results are consistent with the presence of at least one male contributor. DNA profiles for the major and minor contributors could not be determined.

George Michael Zimmerman (JR-2) and Trayvon Benjamin Martin (ME-3) are included as possible contributors to the mixed DNA profile obtained from Exhibit ME-8 stain D.

The combined frequency of occurrence of the mixed DNA profile obtained from Exhibit ME-8 stain D for unrelated individuals in the following populations is approximately:

- 1 in 4.0 million Caucasians
- 1 in 2.1 million African Americans (Blacks)
- 1 in 6.4 million Southeastern Hispanics

Exhibit ME-8 stain E

A complete DNA profile was obtained from Exhibit ME-8 stain E.

This profile is consistent with originating from a male individual and matches the DNA profile from Trayvon Benjamin Martin (ME-3).

The frequency of occurrence of the DNA profile obtained from Exhibit ME-8 stain E for unrelated individuals in the following populations is approximately:

- 1 in 3.9 quintillion Caucasians
- 1 in 3.0 quadrillion African Americans (Blacks)
- 1 in 290 quadrillion Southeastern Hispanics

Exhibit ME-8 right cuff/lower sleeve

No DNA results foreign to Trayvon Martin (ME-3) were obtained from Exhibit ME-8 right cuff/lower sleeve.

Exhibit ME-8 left cuff/lower sleeve

The mixed DNA profile obtained from Exhibit ME-8 left cuff/lower sleeve demonstrated the presence of at least two individuals. Assuming Trayvon Benjamin Martin (ME-3) is a contributor to the mixture, foreign DNA results were obtained. Due to the limited nature of these results, this data is insufficient for inclusion purposes.

No determination can be made regarding the possible contribution of George Michael Zimmerman (JR-2) to the mixed DNA profile obtained from Exhibit ME-8 left cuff/lower sleeve.

Exhibit ME-12 Hoodie jacket represented as being from Trayvon Benjamin Martin

Exhibit ME-12 gave chemical indications for the presence of blood (stains A and C).

Exhibit ME-12 failed to give chemical indications for the presence of blood (stain B and general rubbings from cuff/lower sleeve regions on both arms).

Swabbings were collected from the cuff/lower sleeve regions on both arms of Exhibit ME-12 to determine the presence of any foreign DNA.

STR DNA analysis was performed on samples from Exhibit ME-12 (stains A, C and swabbings from cuff/lower sleeves) utilizing the AmpF/STR Profiler Plus and AmpF/STR COfiler PCR Amplification Kits.

Exhibit ME-12 stain A

A partial DNA profile was obtained from Exhibit ME-12 stain A.

This partial DNA profile is consistent with originating from a male individual and matches the DNA profile from Trayvon Benjamin Martin (ME-3).

For 11 loci, the frequency of occurrence of the partial DNA profile obtained from Exhibit ME-12 stain A for unrelated individuals in the following populations is approximately:

- 1 in 3.7 quadrillion Caucasians
- 1 in 14 trillion African Americans (Blacks)
- 1 in 340 trillion Southeastern Hispanics

Exhibit ME-12 stain C

No DNA results were obtained from Exhibit ME-12 stain C.

Exhibit ME-12 right cuff/lower sleeve

No DNA results foreign to Trayvon Benjamin Martin (ME-3) were obtained from Exhibit ME-12 right cuff/lower sleeve.

Exhibit ME-12 left cuff/lower sleeve

No DNA results foreign to Trayvon Benjamin Martin (ME-3) were obtained from Exhibit ME-12 left cuff/lower sleeve.

REMARKS:

Exhibits DMS-21, JR-2, ME-2 and ME-3 are being retained.

Exhibits ME-8 and ME-12 were transferred to the Firearms Section (of the Orlando Regional Operations Center) for further analysis and are the subject of a separate report.

The DNA profile developed from Exhibit JR-2 has been entered into CODIS.

The above reported single source frequencies were calculated following the recommendations of the National Research Council (NRC II) utilizing the FBI database (JFS 44:1277-1286, 46:453-489). These numbers are an estimation for which a deviation of approximately +/- 10-fold may exist. The mixture frequency calculations also utilized the FBI database. The results of the amelogenin locus were not used in the statistical calculations.

Abbreviations that may appear in this report are: CODIS *Combined DNA Index System*; DNA *deoxyribonucleic acid*; PCR *Polymerase Chain Reaction*; STR *short tandem repeat*; FBI *Federal Bureau of Investigation*; and JFS *Journal of Forensic Sciences*.

Questions regarding this report should be addressed to: anthonygorgone@fdle.state.fl.us.



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SUPPLEMENTAL LABORATORY REPORT

May 9, 2012

TO: Interim Chief Richard Myers
Sanford Police Department
815 W. 13th St.
Sanford, FL 32771

FDLE NUMBER: 20120501890
SUBMISSION: 2
AGENCY NUMBER: 201250001136

ATTN: C. SERINO

SUBPOENAS PERTAINING TO THIS CASE
SHOULD REFER TO THE FDLE NUMBER.

VICTIM(S): Trayvon Benjamin Martin

SUBJECT(S): George Michael Zimmerman

OFFENSE(S): Death Investigation
Seminole County
2/26/2012

Anthony Gorgone
Crime Laboratory Analyst
Biology Section

REFERENCE:

This report is in reference to the following evidence submitted to the Florida Department of Law Enforcement on March 20, 2012 by D. Smith. This report may contain conclusions, opinions, and/or interpretations made by the author.

This report is cross-referenced to FDLE case number 20120501890 (Sanford Police Department case number 201250001136) submissions 1 and 2 report dated March 26, 2012 issued by Anthony Gorgone.

EVIDENCE:

FDLE Item#	Agency Exhibit#	Description
12	DMS-16	Shirt represented as being from George Michael Zimmerman
13	DMS-19	Jacket and 2 quarters in a plastic bag represented as being from George Michael Zimmerman

RESULTS:

Exhibit DMS-16 Shirt represented as being from George Michael Zimmerman
Exhibit DMS-16 gave chemical indications for the presence of blood (stains A, B, C, D, E, F, I, J, K, L, M, N, O and P).

Exhibit DMS-16 failed to give chemical indications for the presence of blood (stains G and H).



AV6

STR DNA analysis was performed on samples from Exhibit DMS-16 (stains A, B, C, D, E, F, I, J, K, L, M, N, O and P) utilizing the AmpF/STR Profiler Plus and AmpF/STR COfiler PCR Amplification Kits.

The same complete DNA profile was obtained from Exhibit DMS-16 stains A, B, C, D, E, F, I, J, K, L, M, N, O and P.

This profile is consistent with originating from a male individual and matches the DNA profile from George Michael Zimmerman (JR-2 in submission 1).

The frequency of occurrence of the DNA profile obtained from Exhibit DMS-16 stains A, B, C, D, E, F, I, J, K, L, M, N, O and P for unrelated individuals in the following populations is approximately:

- 1 in 11 quadrillion Caucasians
- 1 in 1.5 quintillion African Americans (Blacks)
- 1 in 57 quadrillion Southeastern Hispanics

Exhibit DMS-19 Jacket and 2 quarters in a plastic bag represented as being from George Michael Zimmerman

Exhibit DMS-19 (Jacket) gave chemical indications for the presence of blood (stains A, B, C, E, G, I, J, K, L, M, N, O, P, U, V, Z and BB).

Exhibit DMS-19 (Jacket) failed to give chemical indications for the presence of blood (stains D, F, H, Q, R, S, T, W, X, Y, AA, CC, DD and EE).

Exhibit DMS-19 (2 quarters in a plastic bag) was not examined.

STR DNA analysis was performed on samples from Exhibit DMS-19 (stains A, B, C, E, G, I, J, K, L, M, N, O, P, U, V, Z and BB) utilizing the AmpF/STR Profiler Plus and AmpF/STR COfiler PCR Amplification Kits.

Exhibit DMS-19 stains A, B, C, J, K, L, M, O and P

The same complete DNA profile was obtained from Exhibit DMS-19 stains A, B, C, J, K, L, M, O and P.

This profile is consistent with originating from a male individual and matches the DNA profile from George Michael Zimmerman (JR-2 in submission 1).

The frequency of occurrence of the DNA profile obtained from Exhibit DMS-19 stains A, B, C, J, K, L, M, O and P for unrelated individuals in the following populations is approximately:

- 1 in 11 quadrillion Caucasians
- 1 in 1.5 quintillion African Americans (Blacks)
- 1 in 57 quadrillion Southeastern Hispanics

AV6

Exhibit DMS-19 stain E

The mixed DNA profile obtained from Exhibit DMS-19 stain E demonstrated the presence of at least two individuals.

A complete DNA profile for the major contributor could be determined. This major DNA profile is consistent with originating from a male individual and matches the DNA profile from George Michael Zimmerman (JR-2 in submission 1).

The frequency of occurrence of the major DNA profile obtained from Exhibit DMS-19 stain E for unrelated individuals in the following populations is approximately:

- 1 in 11 quadrillion Caucasians
- 1 in 1.5 quintillion African Americans (Blacks)
- 1 in 57 quadrillion Southeastern Hispanics

A DNA profile for the minor contributor(s) could not be determined.

No determination can be made regarding the possible contribution of Trayvon Benjamin Martin (ME-3 in submission 1) to the mixed DNA profile obtained from Exhibit DMS-19 stain E.

Exhibit DMS-19 stain G

Due to the limited nature of the DNA results obtained from Exhibit DMS-19 stain G, the data obtained is not interpretable.

Exhibit DMS-19 stain I

The mixed DNA profile obtained from Exhibit DMS-19 stain I demonstrated the presence of at least two individuals.

A partial DNA profile for the major contributor could be determined. This partial major DNA profile is consistent with originating from a male individual and matches the DNA profile from George Michael Zimmerman (JR-2 in submission 1).

For 12 loci, the frequency of occurrence of the major DNA profile obtained from Exhibit DMS-19 stain I for unrelated individuals in the following populations is approximately:

- 1 in 1.6 quadrillion Caucasians
- 1 in 170 quadrillion African Americans (Blacks)
- 1 in 8.5 quadrillion Southeastern Hispanics

A DNA profile for the minor contributor(s) could not be determined.

Trayvon Benjamin Martin (ME-3 in submission 1) is excluded as a possible contributor to the mixed DNA profile obtained from Exhibit DMS-19 stain I.

Exhibit DMS-19 stain N

The mixed DNA profile obtained from Exhibit DMS-19 stain N demonstrated the presence of at least two individuals.

Assuming two donors to the mixture, a complete DNA profile for the major contributor and a partial DNA profile for the minor contributor could be determined.

The major DNA profile is consistent with originating from a male individual and matches the DNA profile from George Michael Zimmerman (JR-2 in submission 1).

The frequency of occurrence of the major DNA profile obtained from Exhibit DMS-19 stain N for unrelated individuals in the following populations is approximately:

- 1 in 11 quadrillion Caucasians
- 1 in 1.5 quintillion African Americans (Blacks)
- 1 in 57 quadrillion Southeastern Hispanics

The partial minor DNA profile matches the DNA profile from Trayvon Benjamin Martin (ME-3 in submission 1).

For 4 loci, the frequency of occurrence of the minor DNA profile obtained from DMS-19 stain N for unrelated individuals in the following populations is approximately:

- 1 in 2.1 million Caucasians
- 1 in 230,000 African Americans (Blacks)
- 1 in 520,000 Southeastern Hispanics

Exhibit DMS-19 stain U

The mixed DNA profile obtained from Exhibit DMS-19 stain U demonstrated the presence of at least two individuals. DNA profiles for the major and minor contributors could not be determined. Results are consistent with the presence of at least one male individual.

Trayvon Benjamin Martin (ME-3 in submission 1) is included as a possible contributor to the mixed DNA profile.

For 6 loci, the combined frequency of occurrence of the mixed DNA profile obtained from Exhibit DMS-19 stain U for unrelated individuals in the following populations is approximately:

- 1 in 83,000 Caucasians
- 1 in 10,000 African Americans (Blacks)
- 1 in 67,000 Southeastern Hispanics

No determination can be made regarding the possible contribution of George Michael Zimmerman (JR-2 in submission 1) to the mixed DNA profile obtained from Exhibit DMS-19 stain U.

Exhibit DMS-19 stain V

Due to the limited DNA results obtained from Exhibit DMS-19 stain V, this data is insufficient for inclusion purposes. Results are consistent with the presence of a male individual.

No determination can be made regarding the possible contribution of George Michael Zimmerman (JR-2 in submission 1) and Trayvon Benjamin Martin (ME-3 in submission 1) to the limited DNA results obtained from Exhibit DMS-19 stain V.

AV6

Exhibit DMS-19 stain Z

Due to the limited nature of the DNA results obtained from Exhibit DMS-19 stain Z, the data obtained is not interpretable. Results are consistent with the presence of a male individual.

DNA results were consistent with the possible presence of non-human DNA on Exhibit DMS-19 stain Z.

Exhibit DMS-19 stain BB

The mixed DNA profile obtained from Exhibit DMS-19 stain BB demonstrated the presence of at least two individuals. DNA profiles for the major and minor contributors could not be determined. Results are consistent with the presence of at least one male individual.

George Michael Zimmerman (JR-2 in submission 1) is included as a possible contributor to the mixed DNA profile.

For 2 loci, the combined frequency of occurrence of the mixed DNA profile obtained from Exhibit DMS-19 stain BB for unrelated individuals in the following populations is approximately:

- 1 in 58 Caucasians
- 1 in 41 African Americans (Blacks)
- 1 in 57 Southeastern Hispanics

No determination can be made regarding the possible contribution of Trayvon Benjamin Martin (ME-3 in submission 1) to the mixed DNA profile obtained from Exhibit DMS-19 stain BB.

REMARKS:

The information obtained from Exhibits DMS-16 and DMS-19 did not meet the criteria needed to be entered into CODIS.

Exhibits DMS-16 and DMS-19 were transferred to the Firearms Section (of the Orlando Regional Operations Center) for further analysis and are the subject of a separate report.

DNA extracts from Exhibits DMS-16 and DMS-19 are being retained.

The above reported single source frequencies were calculated following the recommendations of the National Research Council (NRC II) utilizing the FBI database (JFS 44:1277-1286, 46:453-489). These numbers are an estimation for which a deviation of approximately +/- 10-fold may exist. The mixture frequency calculations also utilized the FBI database. The results of the amelogenin locus were not used in the statistical calculations.

Abbreviations that may appear in this report are: CODIS *Combined DNA Index System*; DNA *deoxyribonucleic acid*; PCR *Polymerase Chain Reaction*; STR *short tandem repeat*; FBI *Federal Bureau of Investigation*; and JFS *Journal of Forensic Sciences*.

Questions regarding this report should be addressed to: anthonygorgone@fdle.state.fl.us.



Florida Department of
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Gerald M. Bailey
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Rick Scott, Governor
Pam Bondi, Attorney General
Jeff Atwater, Chief Financial Officer
Adam Putnam, Commissioner of Agriculture

LABORATORY REPORT
March 21, 2012

TO: Chief Bill Lee
Sanford Police Department
815 W. 13th St.
Sanford, FL 32771

FDLE NUMBER: 20120501890
SUBMISSION: 2
AGENCY NUMBER: 201250001136

ATTN: C. SERINO

SUBPOENAS PERTAINING TO THIS CASE
SHOULD REFER TO THE FDLE NUMBER.

VICTIM(S): Trayvon Benjamin Martin

SUBJECT(S): George Michael Zimmerman

OFFENSE(S): Death Investigation
Seminole County
2/26/2012

Alvin Guzman
Forensic Technologist
Trace Evidence Section

REFERENCE:

This report is in reference to the following evidence submitted to the Florida Department of Law Enforcement on March 20, 2012 by D. Smith. This report may contain conclusions, opinions, and/or interpretations made by the author.

EVIDENCE:

FDLE Item #	Agency Item #	Description
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The following exhibits are represented as having been recovered from George Zimmerman:

9	DMS-13A	Sock
	DMS-13L	Boot
10	DMS-14A	Sock
	DMS-14R	Boot
11	DMS-15A	Jeans
	DMS-15B	Belt
12	DMS-16	Shirt
13	DMS-19	Jacket



The following exhibits are represented as having been recovered from Trayvon Martin:

14	ME-7A&B	Socks
	ME-7L&R	Shoes
15	ME-8	Sweatshirt
16	ME-9	Pants
17	ME-10	Underwear
18	ME-12	Hooded sweatshirt

RESULTS:

The above exhibits were swept for the presence of trace evidence that is being retained in ten sealed debris folds. In order to prevent contamination, please do not open these debris folds. No comparative examinations have been performed on the trace material recovered from these items.

REMARKS:

The above exhibits are being retained in the laboratory pending possible additional examinations, which will be the subject of separate reports.

Questions regarding this report should be addressed to: alvinguzman@fdle.state.fl.us or Crime Laboratory Analyst Supervisor Dawn Zayonc at (407) 540-3960 or dawnzayonc@fdle.state.fl.us.



Florida Department of
Law Enforcement

Gerald M. Bailey
Commissioner

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Rick Scott, Governor
Pam Bondi, Attorney General
Jeff Atwater, Chief Financial Officer
Adam Putnam, Commissioner of Agriculture

LABORATORY REPORT
March 28, 2012

TO: Chief Bill Lee
Sanford Police Department
815 W. 13th St.
Sanford, FL 32771

ATTN: C. SERINO

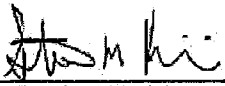
VICTIM(S): Trayvon Benjamin Martin

SUBJECT(S): George Michael Zimmerman

OFFENSE(S): Death Investigation
Seminole County
2/26/2012

FDLE NUMBER: 20120501890
SUBMISSION: 1
AGENCY NUMBER: 201250001136

SUBPOENAS PERTAINING TO THIS CASE
SHOULD REFER TO THE FDLE NUMBER.


Stephan Krejci
Crime Laboratory Analyst
Gunshot Residue Section

REFERENCE:

This report is in reference to the following evidence submitted to the Florida Department of Law Enforcement on March 01, 2012 by C. Taylor. This report may contain conclusions, opinions, and/or interpretations made by the author.

EVIDENCE:

FDLE Item#	Agency Exhibit#	Description
2	DMS-12	One gunshot residue collection kit labeled as from George Zimmerman.

RESULTS:

Gunshot Residue (GSR) is the term applied to the minute particles of metal and metal compounds derived from both the primer composition and the projectile emitted by a gun during firing.

GSR was identified by Scanning Electron Microscope (SEM) analysis of the kit collected from George Zimmerman.

GSR analysis cannot determine whether or not an individual has discharged a firearm, it merely identifies the presence of gunshot residue. The presence of GSR on the hands may be the result of activities such as firing a weapon, being in close proximity to a firearm during discharge, or handling an item (such as a firearm or spent cartridge) whose surface bears gunshot residue.



FDLE NUMBER: 20120501890 Submissions: 1

SK

REMARKS:

The evidence submitted is being returned.

Questions regarding this report should be addressed to: stephankrejci@fdle.state.fl.us.



Florida Department of
Law Enforcement

Gerald M. Briley
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LABORATORY REPORT
March 20, 2012

TO: Chief Bill Lee
Sanford Police Department
815 W. 13th St.
Sanford, FL 32771

FDLE NUMBER: 20120501890
SUBMISSION: 2
AGENCY NUMBER: 201250001136

ATTN: C. SERINO

SUBPOENAS PERTAINING TO THIS CASE
SHOULD REFER TO THE FDLE NUMBER.

VICTIM(S): Trayvon Benjamin Martin

SUBJECT(S): George Michael Zimmerman

OFFENSE(S): Death Investigation
Seminole County
2/26/2012

Megan M. Myburgh
Crime Laboratory Analyst
Latent Print Section

REFERENCE:

This report is in reference to the following evidence submitted to the Florida Department of Law Enforcement on March 20, 2012 by D. Smith. This report may contain conclusions, opinions, and/or interpretations made by the author.

EVIDENCE:

FDLE Item#	Agency Exhibit#	Description
19	DMS-7	One sealed plastic bag said to contain "cell phone belonging to Martin" (not opened)

RESULTS:

No latent print examinations were performed on Exhibit DMS-7 per information received from Special Agent Supervisor David Lee.

REMARKS:

Exhibit DMS-7 is being returned to your agency.

Questions regarding this report should be addressed to: meganmims@fdle.state.fl.us.





Florida Department of Law Enforcement

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Commissioner

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LABORATORY REPORT
March 08, 2012

TO: Chief Bill Lee
Sanford Police Department
815 W. 13th St.
Sanford, FL 32771

FDLE NUMBER: 20120501890
SUBMISSION: 1
AGENCY NUMBER: 201250001156

ATTN: C. SERINO

SUBPOENAS PERTAINING TO THIS CASE
SHOULD REFER TO THE FDLE NUMBER.

VICTIM(S): Trayvon Benjamin Martin

SUBJECT(S): George Michael Zimmerman

Amy L. Siewert

OFFENSE(S): Death Investigation
Seminole County
2/26/2012

Amy L. Siewert
Crime Laboratory Analyst
Firearms Section

REFERENCE:

This report is in reference to the following evidence submitted to the Florida Department of Law Enforcement on March 01, 2012 by C. Taylor. This report may contain conclusions, opinions, and/or interpretations made by the author.

EVIDENCE:

FDLE Item#	Agency Exhibit#	Description
1	DMS-11	One fired 9mm Luger caliber cartridge case
7	ME-4	One fired bullet jacket portion, two fired bullet jacket fragments and one lead bullet core
8	TS-1	One 9mm Luger caliber Kel-Tec model PF-9 semiautomatic pistol, serial number RJY08, one 9mm Luger caliber cartridge, one holster and one magazine containing six 9mm Luger caliber cartridges

RESULTS:

1 DMS-11 The cartridge case was fired in the TS-1 pistol.



ALS

- 7 ME-4 The bullet jacket portion was fired from the TS-1 pistol.
The two fragments could neither be identified nor eliminated as having been fired from the same unknown firearm or the TS-1 pistol due to damage and a lack of class and individual characteristics.
The core does not display class or individual characteristics and was not further examined.
- 8 TS-1 The pistol was test fired using the submitted magazine and was found to be functional. The trigger pull was measured to be between 4 ½ and 4 ¾ pounds. Images of a cartridge case fired in the pistol were entered into the NIBIN database and compared against images of evidence recovered in other incidents. No associations were made at this time. Your agency will be notified of any future results.
One of the cartridges was used to test fire the pistol; the remaining 6 cartridges and holster were not further examined.

REMARKS:

Tests generated are being returned in the same container as the firearm.

Questions regarding this report should be addressed to: amysiewert@fdle.state.fl.us.



Florida Department of Law Enforcement

Gerald M. Bailey
Commissioner

Orlando Regional Operations Center
500 W. Robinson St.
Orlando, Florida 32801-1771
1-800-226-8521
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Rick Scott, Governor
Pam Bondi, Attorney General
Jeff Atwater, Chief Financial Officer
Adam Putnam, Commissioner of Agriculture

LABORATORY REPORT
March 22, 2012

TO: Chief Bill Lee
Sanford Police Department
815 W. 13th St.
Sanford, FL 32771

FDLE NUMBER: 20120501890
SUBMISSION: 2
AGENCY NUMBER: 201250001136

ATTN: C. SERINO

SUBPOENAS PERTAINING TO THIS CASE
SHOULD REFER TO THE FDLE NUMBER.

VICTIM(S): Trayvon Benjamin Martin

SUBJECT(S): George Michael Zimmerman

OFFENSE(S): Death Investigation
Seminole County
2/26/2012

Amy L. Siewert
Crime Laboratory Analyst
Firearms Section

REFERENCE:

This report is in reference to the following evidence submitted to the Florida Department of Law Enforcement on March 20, 2012 by D. Smith. This report may contain conclusions, opinions, and/or interpretations made by the author.

EVIDENCE:

FDLE Item#	Agency Exhibit#	Description
15	ME-8	One light grey Nike sweatshirt
18	ME-12	One dark grey Fruit of the Loom hooded sweatshirt

RESULTS:

15, 18 ME-8, ME-12 The sweatshirts each display a hole located in the upper left chest area. The areas around these holes were microscopically examined and chemically processed for the presence of gunshot residues. Both holes display residues and physical effects consistent with a contact shot.



FDLE NUMBER: 20120501890 Submissions: 2

AS

REMARKS:

Distance tests were conducted using fabric cut from the back of each of the sweatshirts, as well as the Exhibit TS-1 pistol, magazine and one of the TS-1 cartridges from Submission 1. These tests along with the other test materials generated during examination are being returned in the same container as their respective exhibit.

Questions regarding this report should be addressed to: amysiewert@fdle.state.fl.us.



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SUPPLEMENTAL LABORATORY REPORT
March 28, 2012

TO: Chief Bill Lee
Sanford Police Department
815 W 13th St.
Sanford, FL 32771

FDLE NUMBER: 20120501890
SUBMISSION: 2
AGENCY NUMBER: 201250001136

ATTN: C. SERINO

SUBPOENAS PERTAINING TO THIS CASE
SHOULD REFER TO THE FDLE NUMBER.

VICTIM(S): Trayvon Benjamin Martin

SUBJECT(S): George Michael Zimmerman

OFFENSE(S): Death Investigation
Seminole County
2/26/2012

Amy L. Siewert
Crime Laboratory Analyst
Firearms Section

REFERENCE:

This report is in reference to the following evidence submitted to the Florida Department of Law Enforcement on March 20, 2012 by D. Smith. This report may contain conclusions, opinions, and/or interpretations made by the author.

EVIDENCE:

FDLE Item#	Agency Exhibit#	Description
12	DMS-16	One grey Layer 8 Performance long sleeve shirt
13	DMS-19	One orange and grey Free Country jacket

RESULTS:

12, 13 DMS-16, DMS-19 The shirt and jacket were visually, microscopically and chemically processed for the presence of gunshot residues. Chemical testing indicated one particle of lead on the upper back portion of the right sleeve of the jacket. No other residues were found on the jacket or the shirt.

REMARKS:

Tests generated are being returned in the DMS-19 container.

Questions regarding this report should be addressed to: amysiewert@fdle.state.fl.us.

