



STEVEN C. McCRAW  
DIRECTOR  
DAVID G. BAKER  
ROBERT J. BODISCH, SR.  
DEPUTY DIRECTORS

# TEXAS DEPARTMENT OF PUBLIC SAFETY

CRIME LABORATORY  
12230 West Rd  
Building C  
Houston, TX 77065  
Voice 281-517-1380 Fax 281-517-1395  
HoustonCrimeLab@dps.texas.gov



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**Laboratory Case Number: HOU-1302-02025**

**DNA Laboratory Report**

Issue Date: January 29, 2015

Maurice Carpenter  
Harris County Sheriff's Office  
3540 W Dallas  
Houston, TX 77002

**Agency Case Information:** Harris County Sheriff's Office - HC120176269

**Offense Information:** Homicide - 12/23/2012 - Harris County

**Victim(s):** MELGAR, JAIME E (DOB [REDACTED])  
MELGAR, SANDRA J (DOB [REDACTED])

**Submission Information:**

01 - 12x9x7 Brown box on February 27, 2013 by Carpenter, Maurice VIA In Person

**Requested Analysis:** Perform forensic DNA analysis.

Please refer to the previous Forensic Biology Report dated August 8, 2014 for complete case information and evidence disposition.

**Evidence Description, Results of Analysis and Interpretation:**

Portions of the items were extracted by a method which yields DNA.

The DNA isolated was analyzed using STR (Short Tandem Repeat) PCR (Polymerase Chain Reaction) analysis. The following loci were examined: D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vWA, TPOX, D18S51, Amelogenin, D5S818, and FGA.

**01-01-AG-01-AA-AA-AA : DNA extract from swab of left hand fingernail scrapings from Sandra Melgar (Item FS1)**

The partial DNA profile is consistent with an unknown female individual. This profile can be compared to possible sources.

**01-01-AH-01-AA-AA-AA : DNA extract from swab of right hand fingernail scrapings from Sandra Melgar (Item FS2)**

The partial DNA profile is consistent with the same unknown female individual. This profile can be compared to possible sources.

**01-01-AI-01-AA-AA-AA : DNA extract from swab of left hand fingernail clippings and scrapings from Jaime Melgar (Item A1)**

The DNA profile is consistent with an unknown male individual. This profile can be compared to possible sources.

**01-01-AI-02-AA-AA-AA : DNA extract from swab right hand fingernail clippings and scrapings from Jaime Melgar (Item A1)**

The DNA profile is consistent with the same unknown male individual. This profile can be compared to possible sources.

ACCREDITED BY THE AMERICAN SOCIETY OF CRIME LABORATORY DIRECTORS - LAB ACCREDITATION BOARD



**Investigative Leads and Requirements for Further Analysis:**

If DNA comparisons are required, please submit a known blood or saliva sample from any potential contributors.

**Disposition:**

The unused portions of the swabs from the fingernail scrapings and clippings and the DNA extracts are being retained by this laboratory. Please make arrangements to pick up the remaining evidence as soon as possible.

This report has been electronically prepared and approved by:

Tammy Bires  
Forensic Scientist  
Texas DPS Houston Crime Laboratory

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