

UNT Center for Human Identification

Forensic Genetic Genealogy Evaluation Form

External Laboratory Information (complete if testing did not occur at UNTCHI)
Testing Laboratory:
City/State/Zip:
Laboratory Contact:
Laboratory Contact Email:
Laboratory Contact Phone:
Laboratory Case No.:

Evidence Information

UNT Center for Human Identification

Attestation Form

Attestation

Continued from previous page.

6. Shipping, delivery, or the coordination of shipping and delivery is solely the responsibility of my agency, regardless of whether the item is in my agency's possession, the possession of a third party laboratory, or some other agency.
7. Sample delivery and acceptance of samples for testing may be refused by UNTCHI if those samples (a) were not previously approved for testing; (b) are received in a damaged condition; or (c) pose a health risk to UNTCHI employees. Rejected samples are returned at the submitting agency's expense.

Forensic Genetic Genealogy Frequently Asked Questions

How can UNTCHI assist with cold cases?

In addition to offering the typical forensic DNA testing (autosomal STRs, Y-STRs, and mitochondrial DNA) with CODIS entry, UNTCHI now offers single nucleotide polymorphism (SNP) testing that is compatible with the public genealogical database, GEDmatch PRO™. UNTCHI also has an investigative support unit that can perform genealogical research and provide investigative consultations so that a comprehensive approach to solving cold cases can be offered using forensic genetic genealogy. Generally, unsolved violent crimes with a forensic sample from a putative perpetrator and unidentified remains of suspected homicide victim are candidates for forensic genetic genealogy. Per the United States Department of Justice Interim Policy for Forensic Genetic Genealogical DNA Analysis and Searching, an unsolved violent crime means any homicide or sex crime, including a homicide investigation during which forensic genetic genealogy is used in an attempt to identify the remains of a suspected homicide victim. Read the DOJ policy [here](#).

Is UNTCHI accredited for SNP testing?

Yes, UNTCHI is accredited for autosomal STRs, Y-STRs, mitochondrial DNA, and SNP testing. Refer to our [website](#) to view the current copy of our accreditation certificate.

What type of SNP testing technology does UNTCHI offer and which technology will be used on my case?

UNTCHI has im sample.

Each technology has advantages and disadvantages. These will be taken into account when evaluating the concentration, volume, and past performance of the DNA extract(s) and the most appropriate technology or technologies will be employed. In general, targeted sequencing of 10,230 SNPs using the Verogen ForenSeq Kintelligence Kit is used only if additional testing with microarray and/or whole genome sequencing are also possible.

What is the cost of the SNP testing and genealogical research?

There is no cost to Texas law enforcement agencies, medical examiners, and justices of the peace. Additionally, there is no cost if the FBI is assisting a Texas law enforcement agency. Please contact UNTCHI at FGGUnit@unthsc.edu if your agency is outside of Texas.

How can a case be submitted for SNP testing and genealogical research?

control for contamination) must be available for SNP testing. If a DNA extract is not available, a sufficient amount of material from the same sample used for CODIS entry must be available for extraction.

How do I complete the Evidence Information section of the Forensic Genetic Genealogy Evaluation Form?

Contact the laboratory that performed the forensic testing for assistance in completing this section. This form can be shared with the laboratory so that they may enter the information on the agency's behalf or this information can be requested from the laboratory and recorded on the form. The laboratory can provide the evidence type/source, extract or physical item, item ID#, date of extraction, the quantification data, and information about the previous testing. You will need to answer the "Approval to consume?" and "Subjected to CODIS familial search?" questions. Note: "Item ID#" refers to the number used to label the DNA extract or physical item. This may be a laboratory assigned number that is different than your agency's

UNT Center for Human Identification
3500 Camp Bowie Blvd., Fort Worth, TX 76107
1-800-763-3147, www.unthsc.edu/center-for-human-identification

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What happens to a case after submission?

The case will undergo SNP testing using the appropriate technology or technologies. A confidential laboratory report will be issued to your agency that