

## Services Performed by DOFS

SERVICE DISCIPLINE	SERVICE REQUEST	DESCRIPTION
<b>Chemistry</b>	<b>Arson Analysis</b>	Reporting of analytical test results from fire debris samples.
	<b>Arson Extraction</b>	Tracking of extraction of volatile compounds for arson analysis
	<b>Clandestine Laboratory Analysis</b>	Characterization/identification of evidence submitted from suspected clandestine laboratories
	<b>Cocaine Base Examination</b>	Determine if sample contains cocaine base
	<b>Drug Identification; includes cocaine quantitation if quantitation is requested at time of submission</b>	Pharmaceutical preparations, illicit tablets, mushrooms, etc.
	<b>Hold Marijuana</b>	Suspected marijuana submitted but no analysis to be performed without notification from court officer
	<b>Leafy Material - Drug ID</b>	Characterization/identification of leafy or plant material
	<b>Solid Material - Drug ID; includes cocaine quantitation if quantitation is requested at time of submission</b>	Characterization/identification of solid or powdered materials
	<b>Assorted Material - Drug ID; includes cocaine quantitation if quantitation is requested at time of submission</b>	Characterization/identification of various types of material on one requests, e.g. leafy and solid or solid and tablets/pills/liquids
	<b>Cocaine Quantitation</b>	Cocaine quantitation if requested after original identification report issued
<ul style="list-style-type: none"> <li>• Not set up for handling biological samples such as syringes</li> <li>• Will do extra items to prove a trafficking case if called in.</li> </ul>		
<b>Firearms</b>	<b>Firearms</b>	Function testing and comparisons between bullets, cartridge cases and firearms
	<b>Toolmark Examination</b>	Comparison of tools to marks found
	<b>Filament Analysis</b>	Characterization of light bulb filaments
	<b>Serial Number Restoration</b>	Determination of serial number found on firearms/tools, etc.
	<b>IBIS/NIBIN</b>	Entry of firearms/bullet/cartridge case into NIBIN system

<b>Forensic Biology</b>	<b>Blood Examination</b>	Examination of samples for presence of blood stains
	<b>Blood Examination - No Suspect</b>	Examination of samples from cases where subjects have not been identified for the presence of blood stains
	<b>Saliva Analysis</b>	Examination of samples for presence of saliva
	<b>Saliva Analysis - No Suspect</b>	Examination of samples from cases where subjects have not been identified for the presence of saliva
	<b>Semen Identification</b>	Examination of samples for presence of semen
	<b>Semen Identification - No suspect</b>	Examination of samples from cases where subjects have not been identified for the presence of semen
	<b>CODIS</b>	Report of match between samples using CODIS database
	<b>Male DNA Screening - No Suspect</b>	Examination of samples from sexual assault evidence collection kits where the victim is identified as female and the subject(s) have not been identified for the presence of male DNA
	<b>Male DNA Screening</b>	Examination of samples from sexual assault evidence collection kits for the presence of male DNA where the victim is identified as female and the subject(s) have been identified.
	<b>DNA Typing*</b>	DNA testing on forensic samples
	<b>DNA Typing - Convicted Offender</b>	DNA testing on offender samples
	<b>DNA Typing - No Suspect*</b>	DNA testing on forensic samples when no subject has been identified
	<b>Offender Hit Confirmation</b>	DNA testing of offender sample that has been resubmitted after agency has been notified of CODIS match
	<b>DNA Typing - Parentage</b>	Criminal Parentage DNA Identify typing
<ul style="list-style-type: none"> <li>This is done only if other potential sources of DNA have been exhausted (blood, semen, saliva); or if it addresses a different aspect of the case that other DNA does not.</li> </ul>		
<ul style="list-style-type: none"> <li>Submit Questioned and Known samples at same time</li> </ul>		
<b>Medical Examiner</b>	<b>Autopsies</b>	
	<b>Post Mortem Identification</b>	

<b>Trace</b>		
	<b>Physical Match</b>	Reconstruction of broken materials to determine if common origin
	<b>Footwear Impressions</b>	Comparisons of footwear impressions to footwear soles. Determine brand of footwear
	<b>Tire Impressions</b>	Comparison of tire impression to tires. Determine brand of tire
	<b>General Materials</b>	Characterization of unknown solid materials or residue (non-comparative) e.g. ID of pepper spray residue; ID of security dye from bank dye bombs, etc.
	<b>Paintings &amp; Coatings</b>	Analysis of paint & comparison to known samples. Determination of vehicle color, year, make/model.
	<b>Plastic &amp; Polymers</b>	Analysis of paint and comparison to known samples
	<b>Fibers &amp; Textiles</b>	Comparisons of known/unknown fibers
	<b>Gunshot Residue</b>	Analysis of GSR Kit for the presence of gunpowder primer residue
	<b>Glass</b>	Comparison of questioned glass to suspected sources of origin
	<b>Hair*</b>	Comparison of questioned hair with suspected sources of origin or characterization of hair for investigative purposes. Get buccal swabs & Known hairs at same time.
<ul style="list-style-type: none"> <li>• Microscopical comparison of questioned hair to known hair. This requires submission of known hair from victim <u>and</u> subject <u>prior</u> to DNA services being performed.</li> </ul>		
<b>Latent Prints</b>	<b>LP Processing</b>	Physically and chemically processing evidence to develop and preserve friction ridge impressions (fingerprints). This will include activities needed to recover usable impressions from decomposed bodies to effect identification of UID's.
	<b>LP Examination</b>	Analyzing patent friction ridge impressions (fingerprints) to determine the various levels of value, doing comparisons, verifying individualizations (ID's) and searching friction ridge impressions on the automated databases (AFIS/IAFIS).

<b>Photography</b>	<b>Photograph</b>	Processing & development of film
<ul style="list-style-type: none"> <li>processing/print film only if GBI number and agent on Submission Form</li> </ul>		
<b>Questioned Documents</b>	<b>Machine impressions</b>	Transcription of text from typewriter ribbons, etc.
	<b>Handwriting</b>	Comparison of known/unknown handwriting samples
	<b>Indented Writing</b>	Development of latent writing
	<b>Nondestructive Ink</b>	Characterization of ink
	<b>Physical Match</b>	Determine whether paper fragments were at one time joined
	<b>General</b>	Examination of miscellaneous questioned documents e.g. counterfeit currency
<b>Toxicology</b>	<b>Alcohol Content</b>	Determination of alcohol level in biological samples other than blood or urine.
	<b>Blood Alcohol - Postmortem</b>	Analysis of alcohol level in blood samples collected after death
	<b>Blood Alcohol</b>	Analysis of alcohol level in blood samples
	<b>Urine Alcohol Determination</b>	Analysis of urine sample for presence of alcohol
	<b>Carbon Monoxide</b>	Analysis of CO levels in blood
	<b>Poison Determination</b>	Analysis of biological samples for the presence of poisons
	<b>Proof Determination</b>	Determine alcohol proof level
	<b>Toxicology</b>	Analysis of biological samples for the presence of drugs. Won't if Alcohol is .08 & up and/or alcohol determination is negative
	<b>Toxicology - Postmortem</b>	Analysis of biological samples collected after death for the presence of drugs
	<b>Volatile Determination</b>	Analysis of biological samples for the presence of volatile substances