

Services Performed by DOFS

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

Forensic Biology	Blood Examination	Examination of samples for presence of blood stains
	Blood Examination - No Suspect	Examination of samples from cases where subjects have not been identified for the presence of blood stains
	Saliva Analysis	Examination of samples for presence of saliva
	Saliva Analysis - No Suspect	Examination of samples from cases where subjects have not been identified for the presence of saliva
	Semen Identification	Examination of samples for presence of semen
	Semen Identification - No suspect	Examination of samples from cases where subjects have not been identified for the presence of semen
	CODIS	Report of match between samples using CODIS database
	Male DNA Screening - No Suspect*	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
	Male DNA Screening	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.
	DNA Typing*	DNA testing on forensic samples (hair roots**)
	DNA Typing - Convicted Offenders*	DNA testing on offender samples
	DNA Typing - No Suspect*	DNA testing on forensic samples when no subject has been identified
	Offender Hit Confirmation	DNA testing of offender sample that has been resubmitted after agency has been notified of CODIS match
	DNA Typing - Parentage	Criminal Parentage DNA Identify potential parent(s) (must have known samples from mother, child, suspected father before testing); may also be used to assist in identification of remains
<ul style="list-style-type: none"> ● Submit Questioned and Known samples at same time ●● 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. 		

Trace		
	Physical Match	Reconstruction of broken, torn or separated materials to determine if common origin
	General Materials	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.
	Paintings & Coatings	Analysis of paint & comparison to known samples. Determination of vehicle color, year, make/model.
	Plastic & Polymers	Analysis of plastic and comparison to known samples. Reassembly & determination of vehicle year, make/model
	Fibers & Textiles	Analysis of fiber & comparisons to known samples
	Gunshot Residue	Analysis of GSR Kit for the presence of gunshot (primer) residue (not gun powder)
	Glass	Comparison of questioned glass to suspected sources of origin
	Hair*	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"> • 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. (except for CODIS cases where there is no suspect) 		
Latent Prints		
	LP Processing	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.
	LP Examination	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).

Questioned Documents & Imaging	Handwriting	Compare questioned handwriting to known handwriting samples
	Indented Writing	Develop latent handwriting impressions
	Nondestructive Ink	Nondestructively examine inks on paper to detect alterations and decipher obliterations (e.g. white out and erasures)
	Physical Match	Determine whether paper fragments were at one time joined
	Machine Impressions	Compare printed entries to typewriters, photocopiers and printers; transcribe typewriter ribbons
	General	Examination of miscellaneous questioned documents (e.g. counterfeit currency & identify documents)
	Footwear Impressions	Compare questioned footwear impressions to known shoes; perform database search to determine possible make and model of shoe
	Tire Impressions	Compare questioned tire impressions to known tires; perform database search to determine possible make and model of tire
Imaging	Surveillance Video Enhancement	Perform video image enhancements; convert surveillance video from proprietary format to format usable by the submitting agency
* We no longer process & develop film for outside agencies		
Toxicology	Alcohol Content	Determination of alcohol level in biological samples other than blood or urine.
	Blood Alcohol - Postmortem	Analysis of alcohol level in blood samples collected after death
	Blood Alcohol	Analysis of alcohol level in blood samples
	Urine Alcohol Determination	Analysis of urine sample for presence of alcohol
	Carbon Monoxide	Analysis of CO levels in blood
	Poison Determination	Analysis of biological samples for the presence of poisons
	Proof Determination	Determine alcohol proof level
	Toxicology	Analysis of biological samples for the presence of drugs. Won't if Alcohol is .08 & up and/or alcohol determination is negative

<i>Toxicology - Continued</i>	Toxicology - Postmortem	Analysis of biological samples collected after death for the presence of drugs
	Volatile Determination	Analysis of biological samples for the presence of volatile substances
<i>Medical Examiner</i>	Autopsies	Examining decedents to determine cause and manner of death
	Anthropology	Examination of skeletal remains