

DNA Samples from Unusual Sources



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DNA Sources	Location
Blood , ,	Band Aids, feminine products, diabetic glucose sticks
Semen/Sperm (\)	Condoms, undergarments (not female underwear), clothing, wash cloths, etc. 1. Liquid semen: absorb suspected semen sample onto a clean cotton cloth or swab. Air-dry the swab for 10-15 minutes. 2. Dried semen stains: adsorb semen stain onto a clean swab moistened with distilled water. Air-dry the swab for 10-15 minutes. 3. or you can just send in the semen stained sample. Please note: semen samples can often be contaminated with female DNA (i.e. condoms) please use caution when collecting the semen to prevent any female DNA carry-over. Please call the office if you have any questions.
Hair -	Roots or follicles must be attached. Hair from a brush or comb will not work. We need at least 3-5 hairs.
Teeth -	Molar, premolar or canine preferred. (Baby teeth will not work)
Dentures-	
Toothbrush-	Air-dry the toothbrush for 30-60 minutes.
Bottles, Cans- ,	Any glass or aluminum cans
Clothing -	Hats, baseball caps, sweaty T-shirts, underwear
Razors -	Place razor in a paper envelope.
Toothpick -	Do not touch the toothpick with your fingers.
Clothing -	Bandanna, baseball hat, sweat stained clothing
Inhalers -	Asthma inhalers
Licked envelope	Birthday card, Christmas card, letter. We have successfully used envelopes as old as eight years old.
Bone -	3-5 inches of long bone such as the fibula or femur.

Saliva \ 	Liquid saliva: absorb suspected sample onto a swab. Air-dry the swab for 10-15 minutes. Dry saliva: cut the sample of suspected saliva from the objects with a clean sharp instrument. Pack to prevent stain removal by abrasive action or packaging materials during shipping.
Used Kleenex	Mucus is a tremendous source of DNA.
Ear wax	Use a Q-tip to acquire the samples. It is the cells that line the surface of the ear canal that contain the DNA.
Electric Razor Clippings	Place razor in a paper envelope (We have successfully used razor clippings that were 11 years old)
Cigarette butts	We need 1-2 butts, we need the filter
Paraffin embedded tissue	Often found in pathology labs
Umbilical Cord	Store the dried umbilical cord in an envelope. The dried sample should be stable for years.
Finger or Toenail Clippings	The more clippings you can acquire the better the chances are of getting a good profile, do not pick up the clippings with your fingers.
Chap stick	
Gum	Be careful handling the gum. Do not touch the gum with you fingers. Try not to contaminate the gum with your DNA. Sugar-free gum is preferred.
Post Mortem Tissue	Coroner Samples, Funeral Homes
Dental floss	Try not to contaminate the dental floss with your DNA. Do not touch the floss with your fingers.
Urine -	At least 50 mLs or about 2 ounces