genelex

Genelex Sample Preference

Sample Type	Success Rate	Notes	Surcharge	Turnaround
Buccal Swab	98%	Standard Preferred Sample	N/A	5-7 days
Blood (Fresh, including cord blood)	98%	Collect in preservative (purple-topped tube preferred, min 1ml, not coagulated (red tube); Still acceptable if stored refridgerated (refridgerated for <1 month)	N/A	5-7 days
Blood Stain/FTA Collection Card	98%	Whole blood collected in preservative stores on FTA card	N/A	5-7 days
Blood (Autopsy, deceased)	95%	Collected at or soon after time of death, 1 purple-topped vacutainer must be sent in same condition it was stored (frozen, refridgerated, etc.)	$250	5-7 days
Bloods (Coagulated, rotten)	30%	Collected in red-topped tube, or very old stored at room temperature	$550	2-4 weeks**
Bloodstain (On clothing, absorbent material)	15-95%	Success rate depends on size of stain, fabric, and exposure (heat/sunlight is very damaging)	$550	2-4 weeks**
Hair with roots intact	75%	Plucked Hair with visible root sheath, 10 minimum, 15+ preferred (without roots will not work)	$550	2-4 weeks**
Hair & Debris (Electric Razor)	75%	Need skin cells and hair roots	$550	2-4 weeks**
Amniotic Cells	95%	Must have reference sample from mother, 13-20 weeks gestation, collect 3-8ml amniotic fluid in 15ml sterile plastic tube, ship overnight	$250	2-4 weeks**
CVS Biopsy, Cultured Cells	95%	Must have reference sample from mother, 8-12 weeks gestation, send CVS biopsy to cell culturing lab. Once cultured, overnight 2 T25 confluent flasks, NEVER refridgerate non-confluent cultures OK if time is an issue	$250	2-4 weeks**
Products of Conception (abortus)	60%	Must have reference sample from mother, use 50ml sterile plastic tube. Entire collection sock placed into tube. Tissue from an older abortus shall be selected by the physician and an approximate 2 cm2 portion placed into the tube. Success drops if formalin-fixed (15%); Freeze, ship tissue frozen	$550	2-4 weeks**
Dried Umbilical Cord	80-90%	Request sample from mother	$550	2-4 weeks**
Tissue (Fresh, not fixed)	90%	Fresh tissue (2 cm2 piece tissue in 50ml sterile plastic tube, deep muscle preferred, brian next); success drops with non-frozen storage (heat/sunlight is very damaging); freeze, ship tissue frozen	$550	2-4 weeks**
Bone or teeth	50%	Bone (several grams tibia or femur) or Teeth (3-4 molars), success drops with non-frozen storage (heat/sunlight is very damaging)	$800	3-4 weeks
Tissue (Formalin-fixed, exhumed)	50%	Success low with formalin-fixation or embalming. May need to refer to Mitochondrial testing	$550	2-4 weeks**
Cremated Remains	0%			
Semen (liquid)	95%	Fresh preferred, ship immediately, OK stored frozen, OK stored refridgerated <5 days; success rate drops with exposure to heat, sunlight, negligible if vasectomized	$550	2-4 weeks**
Semen Stains (clothing, vaginal swab, condoms)	50-90%	Success rate depends on size of stain, fabric, and exposure conditions, Condoms <2 days room temperature, heat and sunlight are detrimental	$550	2-4 weeks**
Envelope flaps and stamps	60%	older samples are less likely to work, self-sealing will NOT work	$550	2-4 weeks**
Cigarette Butts	60%		$550	2-4 weeks**
Chewing Gum	60%	Sugary Gum has lower success rate	$550	2-4 weeks**
Ear Swab	60-95%		$550	2-4 weeks**
Toothbrush, dental floss	60-95%		$550	2-4 weeks**
Mucus (Snotty tissue)	15-50%	Higher success rate if blood present or individual sick	$550	2-4 weeks**
Soda Can	40-50%		$550	2-4 weeks**
Urine	15-60%	40 mL sample; fresh or stored refridgerated for <5 days, older samples(>1 room temperature) have lower success rate	$550	2-4 weeks**
Water Bottle Saliva	70%		$550	2-4 weeks**
Fingernail Clippings	70%		$550	2-4 weeks**
			** 10 business days available, add $725	